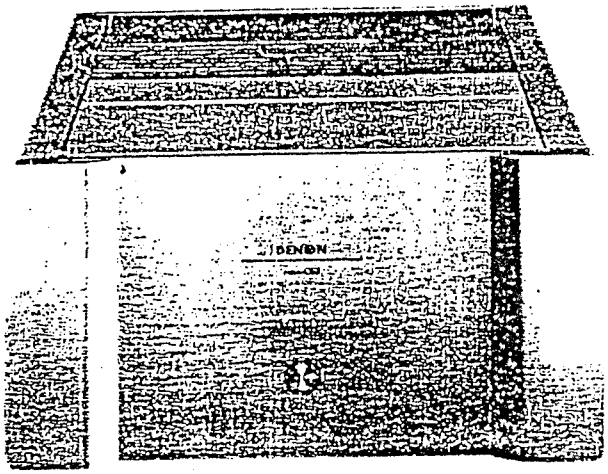
DENON

Hi-Fi Component

SERVICE MANUAL

MODEL POA-S1

MONAURAL POWER AMPLIFIER



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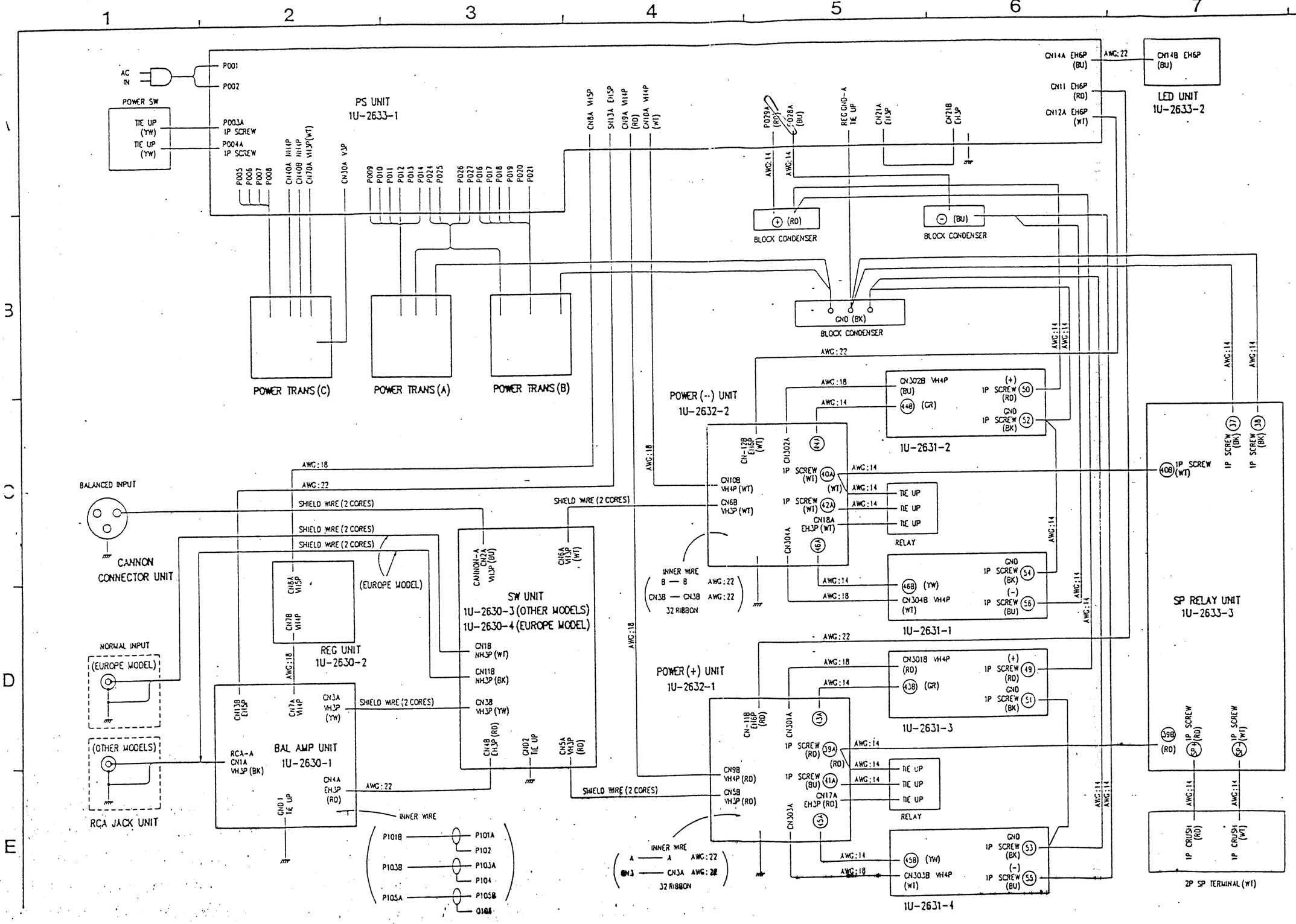
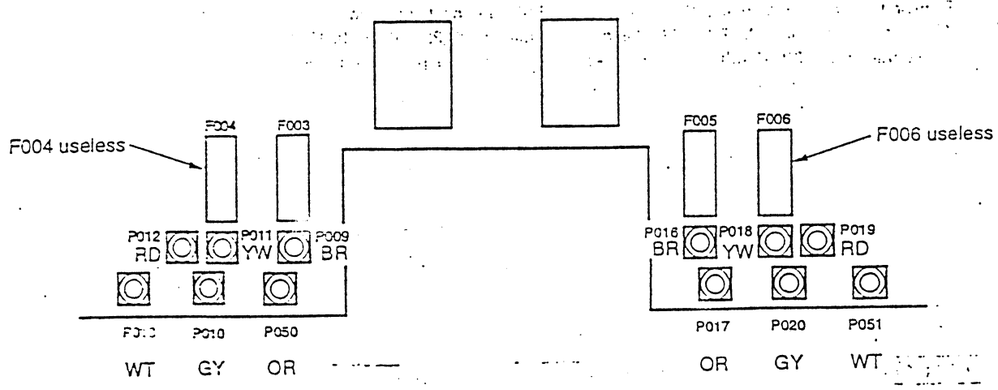
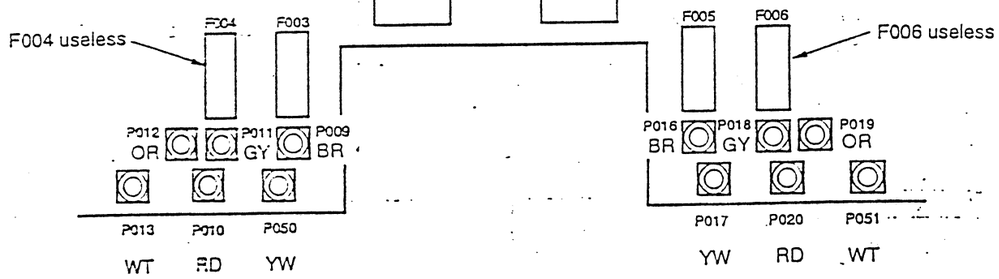
NIPPON COLUMBIA CO., LTD.


AC IN
P001
P002
POWER SW
TIE UP (YW)
TIE UP (YW)
P003A 1P SCREW
P004A 1P SCREW
PS UNIT 1U-2633-1
P005 P006 P007 P008
CN40A HI14P
CN40B HI14P
CN70A VI3P(WT)
CN30A VJP
P009 P010 P011 P012 P013 P014 P024 P025
P026 P027 P016 P017 P018 P019 P020 P021
CN8A VI5P
SW13A EH5P
CN9A VI4P (RD)
CN10A VI4P (WT)
POWER TRANS(C)
POWER TRANS(A)
POWER TRANS(B)
P029A (RD)
P028A (BU)
REGGND-A TIE UP
CN21A EH3P
CN21B EH3P
CN14A EH6P (BU)
AWG:22
CN14B EH6P (BU)
LED UNIT 1U-2633-2
CN11 EH6P (RD)
CN12A EH6P (WT)
AWG:14
⊕ (RD)
BLOCK CONDENSER
⊖ (BU)
BLOCK CONDENSER
GND (BK)
BLOCK CONDENSER
POWER (--) UNIT 1U-2632-2
CN-12B EI16P (WT)
CN13028 VH4P (BU)
(448) (GR)
(+) 1P SCREW (RD) (50)
GND 1P SCREW (BK) (52)
1U-2631-2
CN302A
(41)
1P SCREW (WT) (40A)
(WT)
CN10B VH4P (WT)
CN6B VH3P (WT)
CN304A (46A)
1P SCREW (WT) (42A)
CN18A EH3P (WT)
TIE UP
TIE UP
TIE UP
RELAY
INNER WIRE
8 — 8 AWG:22
CN38 — CN38 AWG:22
32 RIBBON
(46B) (YW)
CN3048 VH4P (WT)
GND 1P SCREW (BK) (54)
(-) 1P SCREW (BU) (56)
1U-2631-1
1P SCREW (WT) (40B)
1P SCREW (WT) (42B)
CN18B EH3P (WT)
CN304B (46B)
CN13018 VH4P (RD)
(438) (GR)
(+) 1P SCREW (RD) (49)
GND 1P SCREW (BK) (51)
1U-2631-3
POWER (+) UNIT 1U-2632-1
CN-11B EI16P (RD)
CN301A
(43A)
1P SCREW (RD) (39A)
(RD)
1P SCREW (BU) (41A)
CN17A EH3P (RD)
CN303A (45A)
TIE UP
TIE UP
TIE UP
RELAY
INNER WIRE
A — A AWG:22
CN3 — CN3A AWG:22
32 RIBBON
(45B) (YW)
CN3038 VH4P (WT)
GND 1P SCREW (BK) (53)
(-) 1P SCREW (BU) (55)
1U-2631-4
1P SCREW (WT) (40B)
1P SCREW (WT) (42B)
CN18B EH3P (WT)
CN304B (46B)
(408) 1P SCREW (WT)
1P SCREW (BK) (37)
1P SCREW (BK) (38)
SP RELAY UNIT 1U-2633-3
(398) (RD)
1P SCREW (RD) (SP+)
1P SCREW (WT) (SP-)
1P CRUSH (RD)
1P CRUSH (WT)
2P SP TERMINAL (WT)
BALANCED INPUT
CANNON CONNECTOR UNIT
SHIELD WIRE (2 CORES)
SHIELD WIRE (2 CORES)
SHIELD WIRE (2 CORES)
SHIELD WIRE (2 CORES)
CANNON-A CN2A VI3P (BU)
CN6A VI3P (WT)
SW UNIT
1U-2630-3 (OTHER MODELS)
1U-2630-4 (EUROPE MODEL)
CN18 NH3P (WT)
CN118 NH3P (BK)
CN38 VH3P (YW)
CN48 EH3P (RD)
CN02 TIE UP
CN5A VH3P (RD)
CN8A VI5P
CN7B VI4P
(EUROPE MODEL)
REG UNIT 1U-2630-2
AWG:18
NORMAL INPUT
(EUROPE MODEL)
(OTHER MODELS)
RCA JACK UNIT
CN13B EI15P
CN7A VI4P
CN3A VH3P (YW)
BAL AMP UNIT 1U-2630-1
RCA-A CN1A VH3P (BK)
CN4A EH3P (RD)
CN01 TIE UP
AWG:22
INNER WIRE
P101B
P103B
P105A
P101A
P102
P103A
P104
P105B
CN9B VH4P (RD)
CN5B VH3P (RD)

AC200V



AC240V



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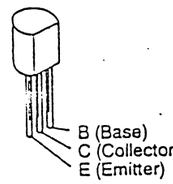
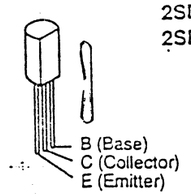
SEMICONDUCTORS

● TRANSISTORS

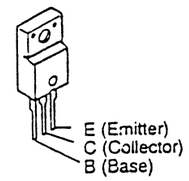
2SA1015 (GR)
2SC1815 (BL)
2SC2240
2SC2878



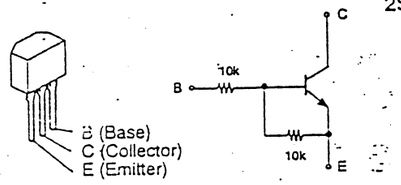
2SA1145 (O)/(Y)
2SC2705 (O)/(Y)



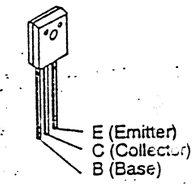
2SB1586
2SD2437
2SD1763A (D)



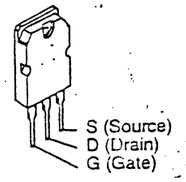
RN1202 (10k-10k)



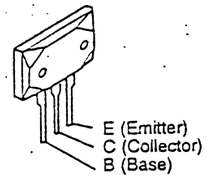
2SA1232
2SC3012



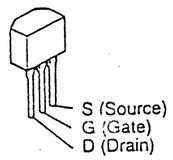
2SJ217
2SK1297



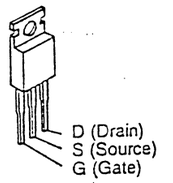
2SA1494LB
2SC3858LB



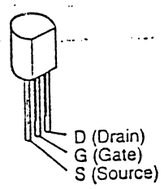
2SK184C (GR)/(BL)
2SK369 (BL)/(GR)-C



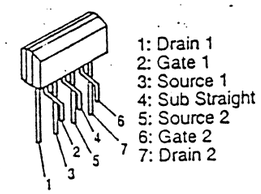
2SJ78
2SK215



2SK373 (Y)
2SJ40



2SK389 (GR)/(BL)/(V)



ADJUSTMENT

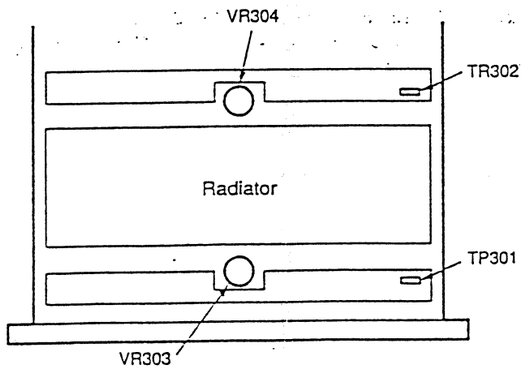
● Idle Current

1. Required Measuring Equipment
   Digital Voltmeter

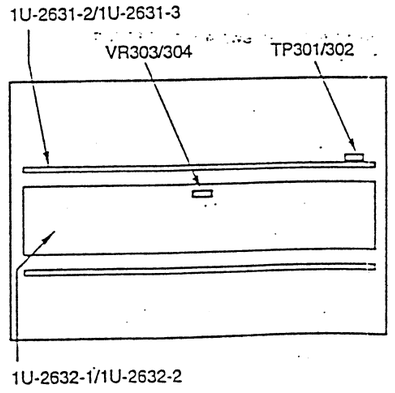
2. Preparation
   1) Place POA-S1 in the normal using condition away from an excessively ventilated location, such as near by air conditioner or close to air circulation fan.
   2) Set the controls as follows:
      - POWER SWITCH → OFF
      - INPUT SWITCH → OFF
      - SPEAKER TERMINALS on the rear panel → Unloaded (Without connect speakers, dummy resistors, etc.)

3. Adjustment
   1) Remove the radiator cover on the top, insert a screwdriver into a square hole in the center of 1U-2632-1/1U-2632-2 (Power amplifier PWB) and rotate VR303/VR304 counterclockwise to set to tail-end state.
   2) Connect a digital voltmeter between Pin ① and Pin ③ of Test Point (TP301/TP302).
   3) Plug in the power cord to an appropriate AC power source (fit to POA-S1 supply voltage intended to adjust) and turn ON the POWER switch.
   4) Aging approx. 1 minute after turned ON the power then rotate VR303/VR304 clockwise to adjust the voltage 10mv ±0.5mV DC initially.
   5) After 10 minutes from the initial adjustment of voltage, rotate VR303/VR304 to set the voltage to 10mV ±1mV DC.

   Note) Voltages at test points show absolute values.



TOP VIEW



RADIATOR FRONT VIEW

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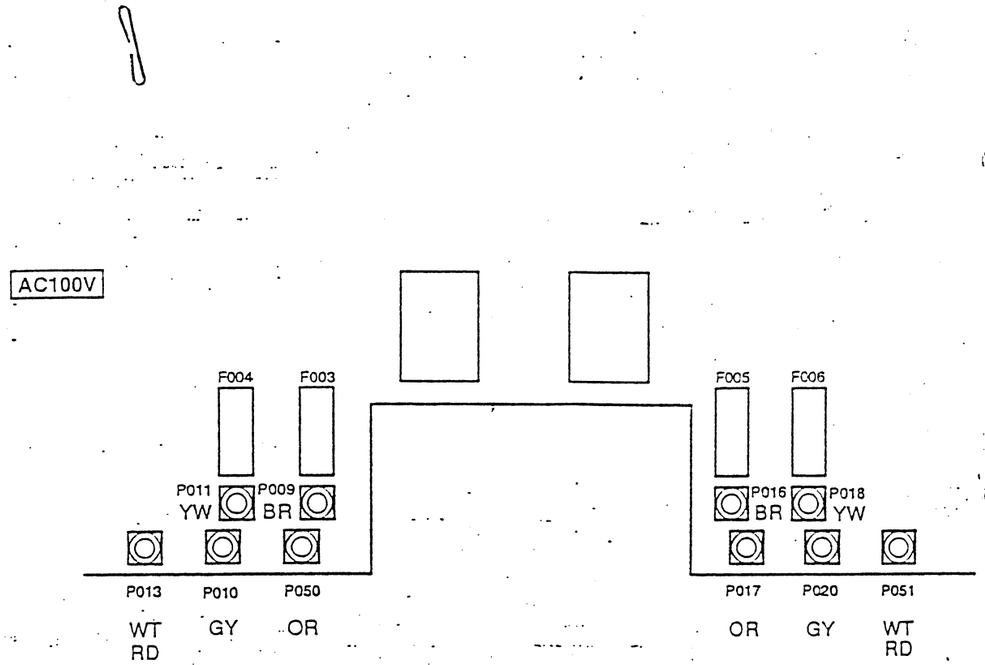
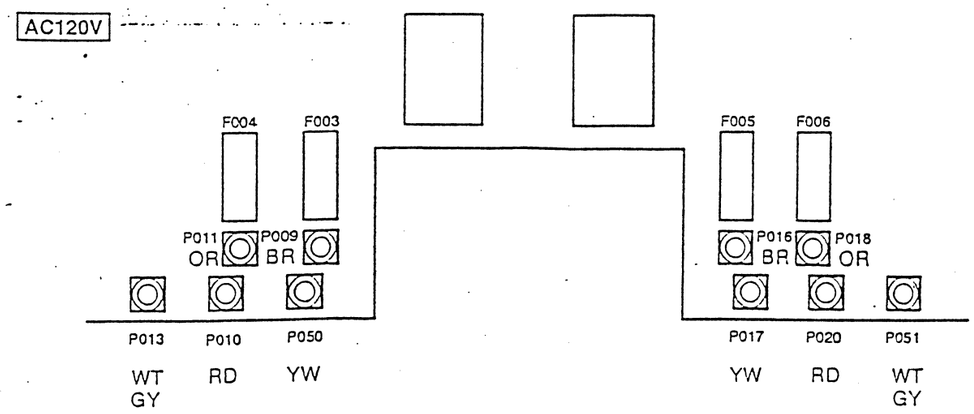
● Voltage Selection

Except the Europe Version, all POA-S1 adapt 4 types of voltage sources, AC 100V/120V/200V/240V. For changing the voltage value, use voltage selector (SW002) to set, also, require connection change of transformer lead as shown in the following figures. The part unit (1U-2633-1) to change the connection is located on the bottom surface of chassis.
Remind that, in case to set to 200V or 240V, F004, F006 are not to be used.
A fuse to be used for F003, F004, F005 and F006 is rated 6.3A (250V)(2061061057).
A fuse rated 6.3A (2061046001) must be used for U.S.A. Version, please be noted.





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PRINTED WIRING BOARD PARTS LIST

1U-2630D INPUT & BALANCE UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
TR101,102	275 0042 905	Transistor 2SK373(BL)/(GR)	
TR103,104	273 0198 918	Transistor 2SC1815(BL)	
TR105,106	271 0168 900	Transistor 2SA1145(O)/(Y)	
TR107,108	275 0042 905	Transistor 2SK373(BL)/(GR)	
TR109,110	271 0168 900	Transistor 2SA1145(O)/(Y)	
TR111,112	273 0281 906	Transistor 2SC2705(O)/(Y)	
TR113,114	275 0069 001	Transistor 2SK215	
TR115,116	275 0068 002	Transistor 2SJ78	
TR117	275 0055 015	Transistor 2SK184C(GR)/(BL)	
TR118	275 0038 045	Transistor 2SK369(BL)/(GR)-C	
TR119	275 0055 015	Transistor 2SK184C(GR)/(BL)	
TR120	275 0038 045	Transistor 2SK369(BL)/(GR)-C	
TR121–124	273 0198 918	Transistor 2SC1815(BL)	
TR125–130	271 0168 900	Transistor 2SA1145(O)/(Y)	
TR131,132	273 0281 906	Transistor 2SC2705(O)/(Y)	
TR133,134	273 0187 932	Transistor 2SC2240(BL)/(GR)	
TR135	273 0281 906	Transistor 2SC2705(O)/(Y)	
TR651,652	275 0042 905	Transistor 2SK373(BL)/(GR)	
TR653	274 0167 007	Transistor 2SD2437	
TR654	272 0128 008	Transistor 2SB1586	
D101–106	276 0049 914	Diode 1S2076A TE	
D107	276 0256 930	Zener Diode HZ16L-1TD	
D151–154	276 0049 914	Diode 1S2076A TE	
D651–654	276 0498 905	Zener Diode HZ24L-1TD	
D999	276 0049 914	Diode 1S2076A TE	
LE103–106	393 9454 902	LED TLR112	
RESISTORS GROUP			
VR101,102	211 6075 011	Adjust 100ohm (CERMET)	V06PB101
R001	241 2438 022	Carbon 2.2kohm 1/2W	RD05A2H222J RMG
R101	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG
R102	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA
R103,104	241 2457 003	Carbon 220ohm 1/2W	RD05A2H221J RFA
R105,106	241 2448 067	Carbon 100kohm 1/2W	RD05A2H104J RMG
R107,108	241 2445 031	Carbon 3kohm 1/2W	RD05A2H302J RMG
R109	241 2457 003	Carbon 220ohm 1/2W	RD05A2H221J RFA
R110,111	241 2447 068	Carbon 39kohm 1/2W	RD05A2H393J RMG
R112,113	241 2457 074	Carbon 430ohm 1/2W	RD05A2H431J RFA
R114,115	241 2438 077	Carbon 6.8kohm 1/2W	RD05A2H682J RMG
R116–119	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA
R121	244 2059 028	Metal oxide film 1kohm 2W Non-burning type	RS14B3D102JNBF
R122	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA
R123	244 2059 028	Metal oxide film 1kohm 2W Non-burning type	RS14B3D102JNBF
R124	241 2434 068	Carbon 1kohm 1/2W	RD05A2H102J RMG
R125	241 2448 067	Carbon 100kohm 1/2W	RD05A2H104J RMG
R126	241 2448 009	Carbon 56kohm 1/2W	RD05A2H563J RMG
R127	241 2457 087	Carbon 470ohm 1/2W	RD05A2H471J RFA
R128	241 2457 029	Carbon 270ohm 1/2W	RD05A2H271J RFA
R129–132	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA
R133,134	241 2453 081	Carbon 10ohm 1/2W	RD05A2H100J RFA
R135	241 2455 021	Carbon 39ohm 1/2W	RD05A2H390J RFA
R136	241 2456 059	Carbon 130ohm 1/2W	RD05A2H131J RFA
R137	241 2456 004	Carbon 82ohm 1/2W	RD05A2H820J RFA
R138	241 2457 029	Carbon 270ohm 1/2W	RD05A2H271J RFA
R139	241 2456 004	Carbon 82ohm 1/2W	RD05A2H820J RFA
R140	241 2457 029	Carbon 270ohm 1/2W	RD05A2H271J RFA
R141,142	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG
R142,144	244 2059 015	Metal oxide film 100ohm 2W Non-burning type	RS14B3D101JNBF
R151	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA
R152	241 2444 003	Carbon 680ohm 1/2W	RD05A2H681J RFA
R153,154	241 2444 087	Carbon 1.5kohm 1/2W	RD05A2H152J RMG
CAPACITORS GROUP			
C101	255 6167 039	Film 47pF/125V	CQ09S2B470K B
C102	254 4356 755	Electrolytic 220µF/50V	CE04W1H221MC ARS
C103	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C104	254 4347 906	Electrolytic 10µF/50V	CE04W1H100MC ARSA
C105,106	255 6167 039	Film 47pF/125V	CQ09S2B470K B
C107,108	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C109,110	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C111,112	255 6181 002	Film 10pF/400V	CQ09S2G100KF B
C113–116	255 6181 015	Film 22pF/400V	CQ09S2G220KF B
C119	255 6167 039	Film 47pF/125V	CQ09S2B470K B
C120	255 6175 063	Film 220pF/125V	CQ09S2B221KF B
C122	255 6167 042	Film 470pF/125V	CQ09S2B471K B
C123	255 6181 002	Film 10pF/400V	CQ09S2G100KF B
C124	255 6181 015	Film 22pF/400V	CQ09S2G220KF B
C153,154	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C155,156	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C181,182	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C191,192	254 4373 735	Electrolytic 4.7µF/50V	CE04W1H4R7MC ARSA
C199	256 1054 001	Metallized 1µF/50V	CF93B1H105K GSG
C651,652	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C653,654	254 4373 000	Electrolytic 100µF/100V	CE04W2A101M ARS
C655,656	254 4373 735	Electrolytic 4.7µF/50V	CE04W1H4R7MC ARSA
C657,658	254 4461 705	Electrolytic 1000µF/50V	CE04W1H102MC ARS
CX001	255 6167 042	Film 470pF/125V	CQ09S2B471K B
CY001	255 6167 042	Film 470pF/125V	CQ09S2B471K B
OTHER PARTS			
RL101	214 0127 003	Relay (RY-12W)	
SW901	212 0350 007	Rotary Switch	
CN1A	205 0190 036	3P NH Connector Base	
CN2A	205 0190 036	3P NH Connector Base	
CN3A,3B	205 0190 036	3P NH Connector Base	
CN4A,4B	205 0277 030	3P EH Connector Base (RD)	
CN5A	205 0190 036	3P NH Connector Base	
CN6A	205 0190 036	3P NH Connector Base	
CN7A,7B	205 0653 049	4P VH Connector Base	
CN8B	205 0653 052	5P VH Connector Base	
CN13B	205 0233 058	5P EH Connector Base	

NOTE FOR PARTS LIST

- Part indicated with the mark " ⊛ " are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol ⚠ have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

• Resistors

Ex.: RN (Type) 14K (Shape and performance) 2E (Power) 182 (Resistance) G (Allowable error) FR (Others)

RD : Carbon RC : Composition RS : Metal oxide film RW : Winding RN : Metal film RK : Metal mixture	2B : 1/8W 2E : 1/4W 2H : 1/2W 3A : 1W 3D : 2W 3F : 3W 3H : 5W	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	P : Pulse-resistant type NL : Low noise type NB : Non-burning type FR : Fuse-resistor F : Lead wire forming

• Resistance

1 8 2 ⇒ 1800 ohm = 1.8 kohm
- 2-digit effective number.
- Indicates number of zeros after effective number.

• Units: ohm

1 R 2 ⇒ 1.2 ohm
- 2-digit effective number, decimal point indicated by R.
- 1-digit effective number.

• Units: ohm

• Capacitors

Ex.: CE (Type) 04W (Shape and performance) 1H (Dielectric strength) 2R2 (Capacity) M (Allowable error) BP (Others)

CE : Aluminum foil electrolytic CA : Aluminum solid electrolytic CS : Tantalum electrolytic CQ : Film CK : Ceramic	0J : 6.3V 1A : 10V 1C : 16V 1E : 25V 1V : 35V	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	HS : High stability type BP : Non-polar type HR : Ripple-resistant type DL : For charge and discharge HF : For assuring high frequency
CC : Ceramic CP : Oil CM : Mica CF : Metallized CH : Metallized	1H : 50V 2A : 100V 2B : 125V 2C : 160V 2D : 200V 2E : 250V 2H : 500V 2J : 630V	Z : +80% −20% P : +100% −0% C : ±0.25pF D : ±0.5pF * : Others	UL : UL part C : CSA part W : UL-CSA type F : Lead wire forming

• Capacity (electrolyte only)

2 2 2 ⇒ 2200μF
- 2-digit effective number.
- Indicates number of zeros after effective number.

• Units: μF.

2 R 2 ⇒ 2.2μF
- 2-digit effective number, decimal point indicated by R.
- 1-digit effective number.

• Units: μF.

• Capacity (except electrolyte)

2 2 2 ⇒ 2200pF = 0.0022μF
- 2-digit effective number.
- (More than 2) — Indicates number of zeros after effective number.

• Units: μF.

2 2 1 ⇒ 220pF
- 2-digit effective number.
- (0 or 1) — Indicates number of zeros after effective number.

• Units: pF.

• When the dielectric strength is indicated in AC, "AC" is included after the dielectric strength value.

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1U-2631D CASCADE UNIT

SEMICONDUCTORS GROUP

Ref. No.	Part No.	Part Name	Remarks
TR325,326	275 0078 005	Transistor 2SK1297	GEN7527
TR327,328	275 0079 004	Transistor 2SJ217	GEN7527
TR401,402	273 0424 006	Transistor 2SC3012R/Q/P	GEN7527
TR403,404	271 0273 002	Transistor 2SA1232R/Q/P	GEN7527
TR405,406	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR407,408	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR409,410	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR411,412	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR413,414	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR415,416	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR417,418	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR419,420	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR421,422	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR423,424	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR425,426	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR427,428	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR429,430	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR431,432	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR433,434	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR435,436	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR437,438	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR439,440	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527
TR441,442	273 0425 005	Transistor 2SC3858LB(G)(Z)	GEN7527
TR443,444	271 0130 006	Transistor 2SA1494LB(G)(Z)	GEN7527

RESISTORS GROUP

R401–404	241 2455 047	Carbon 47ohm 1/2W	RD05A2H470J RFA
R405–444	241 2453 081	Carbon 10ohm 1/2W	RD05A2H100J RFA
R445–484	243 2043 028	Winding 0.15ohm 3W	RW99-3FR15K
R485–504	241 2458 002	Carbon 560ohm 1/2W	RD05A2H561J RFA
R511–514	241 2438 080	Carbon 10kohm 1/2W	RD05A2H103J RMG

CAPACITORS GROUP

C401–404	255 6167 000	Film 0.01μF/125V	CQ09S2B103K B
C409–416	254 4356 763	Electrolytic 2200μF/50V	CE04W1H222MC ARS
C417–424	254 4347 764	Electrolytic 47μF/50V	CE04W1H470MC ARSA
C455,456	256 1034 979	Metallized 0.1μF/50V	CF93A1H104JT

OTHER PARTS

CN301	205 0838 000	4P VH Connector Base (RD)
CN302	205 0838 013	4P VH Connector Base (BU)
CN303,304	205 0653 049	4P VH Connector Base

1U-2632D POWER AMP UNIT

SEMICONDUCTORS GROUP

Ref. No.	Part No.	Part Name	Remarks
TR301,302	275 0045 012	Transistor 2SK389(GR)(BL)(Y)	
TR303–306	273 0198 918	Transistor 2SC1815(BL)	
TR309,310	273 0281 906	Transistor 2SC2705(O)(Y)	
TR311–316	271 0168 900	Transistor 2SA1145(O)(Y)	
TR317,318	273 0281 906	Transistor 2SC2705(O)(Y)	
TR319,320	274 0158 003	Transistor 2SD1763A(D)	
TR321,322	275 0069 001	Transistor 2SK215	
TR323,324	275 0068 002	Transistor 2SJ78	
TR329,330	271 0168 900	Transistor 2SA1145(O)(Y)	
TR331,332	273 0281 906	Transistor 2SC2705(O)(Y)	
D257,258	276 0049 914	Diode 1S2076A TE	
D301–304	276 0049 914	Diode 1S2076A TE	
D305–308	276 0566 002	Diode D1NK20	
D325–330	276 0049 914	Diode 1S2076A TE	
D351–354	276 0173 945	Zener Diode HZ6B-1TE	
D355,356	276 0236 947	Zener Diode HZ5A-2TE	
D359,360	276 0236 976	Zener Diode HZ5B-1TE	
LE301–312	393 9454 902	LED TLR112	
LE321,322	393 9454 902	LED TLR112	

RESISTORS GROUP

VR303,304	211 6058 009	Adjust 470ohm	V10Q6741
R301,302	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG
R303,304	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA
R305,306	241 2448 054	Carbon 91kohm 1/2W	RD05A2H913J RMG
R307–310	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA
R311,312	241 2442 063	Carbon 130ohm 1/2W	RD05A2H131J RMG
R313,314	241 2450 097	Carbon 1Mohm 1/2W	RD05A2H105J RMG
R315,316	241 2438 039	Carbon 2.7kohm 1/2W	RD05A2H272J RMG
R317,318	241 2442 063	Carbon 130ohm 1/2W	RD05A2H131J RMG
R319,320	241 2457 087	Carbon 470ohm 1/2W	RD05A2H471J RFA
R321,322	241 2438 022	Carbon 2.2kohm 1/2W	RD05A2H222J RMG
R323–326	241 2458 002	Carbon 560ohm 1/2W	RD05A2H561J RFA
R327,328	241 2456 088	Carbon 100ohm 1/2W	RD05A2H101J RFA
R329–332	241 2458 044	Carbon 820ohm 1/2W	RD05A2H821J RFA
R333–336	241 2457 087	Carbon 470ohm 1/2W	RD05A2H471J RFA
R337,338	244 2058 029	Metal oxide film 1.5kohm 1W (Non-burning type)	RS14B3A152JNBS
R339,340	244 2058 003	Metal oxide film 1kohm 1W (Non-burning type)	RS14B3A102JNBS
R341–344	241 2458 002	Carbon 560ohm 1/2W	RD05A2H561J RFA
R345–348	241 2456 020	Carbon 180ohm 1/2W	RD05A2H181J RFA
R349–356	244 2059 002	Metal oxide film 22ohm 2W (Non-burning type)	RS14B3D220JNBF
R357,358	241 2447 042	Carbon 33kohm 1/2W	RD05A2H333J RMG
R359,360	244 2059 002	Metal oxide film 22ohm 2W (Non-burning type)	RS14B3D220JNBF
R371,372	241 2438 022	Carbon 2.2kohm 1/2W	RD05A2H222J RMG
R373,374	241 2448 067	Carbon 100kohm 1/2W	RD05A2H104J RMG
R373,374	241 2458 060	Carbon 1kohm 1/2W	RD05A2H102J RFA

CAPACITORS GROUP

C301,302	254 4347 706	Electrolytic 10μF/50V	CE04W1H100MC AR
C303,304	255 6167 000	Film 0.01μF/125V	CQ09S2B103K B
C305–308	254 4356 742	Electrolytic 470μF/50V	CE04W1H471 ARS
C313–316	255 6167 000	Film 0.01μF/125V	CQ09S2B103K B
C317,318	255 6175 063	Film 220pF/125V	CQ09S2B221KF B

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PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks
229	1U- 2631 D-1	N(+) UNIT	
230	1U- 2631 D-2	P(+) UNIT	
231	1U- 2631 D-3	N(–) UNIT	
232	1U- 2631 D-4	P(–) UNIT	
233	1U- 2633 D-1	P.S & CONTROL UNIT	
234			
235			

Ref. No.	Part No.	Part Name	Remaks	Q'ty
	504 0055 052	Cabinet Sheet		1
	503 9245 006	Cushion (Top)		1
	503 9244 007	Cushion (Bottom)		1
	509 9117 006	Wooden Box		1
	505 0038 030	Poly Cover		1
	511 9350 002	Instruction Manual		1
	515 0623 109	DAI Warranty Home	U.S.A. Only	1

Parts marked with " △ " and/shading have special characteristics important to safety.
Be sure to use the specified parts for replacement.
Part indicated with the mark " ÷ " are not always in stock and possibly to take a long period of time for suppiying, or in some case suppiying of part may be refused.

PARTS LIST OF EXPLODED VIEW

Ref. No.	Part No.	Part Name	Remarks
▪ 1	411 9166 124	BASE CHASSIS(KK)	
▪ 2	412 9364 005	B.C.BRACKET(R)	
▪ 3	412 9365 004	B.C.BRACKET(L)	
\ 4	233 9657 009	POWER TRASFORMER	Multi-Voltage, U.S.A.
\	233 9658 008	POWER TRASFORMER	Europe
\ 5	233 6064 006	POWER TRASFORMER	Multi-Voltage, U.S.A.
\	233 6089 007	POWER TRASFORMER	Europe
▪ 6	105 9232 200	REAR PANEL	
▪ 7	412 9348 102	F.P.BRACKET(B)	
▪ 8	412 9370 002	BRACKET(B)	
▪ 9	105 9233 115	REAR PLATE	Multi-Voltage, U.S.A.
▪	105 9233 128	REAR PLATE	Europe
▪ 10	412 3774 002	P.W.B.BRACKET(B)	
▪ 11	443 0900 116	P.W.B.SUPPORT	
▪ 12	412 2814 002	CARD SPACER(L=8)	
▪ 13	412 3781 008	P.W.B.BRACKET(C)	
▪ 14	144 9175 003	FRONT PANEL ASSY	
▪ 15	144 9178 000	FRONT PANEL (SIDE)	
▪ 16	412 9347 006	F.P.BRACKET(A)	
▪	412 9362 007	BRACKET(A)	
▪ 18	113 9273 008	PUSH BUTTON ASSY	
▪ 19	463 9071 008	SPRING	
▪ 20	476 1003 009	3 E RING	
▪ 21	412 9369 000	POWER SWITCH BRACKET B	
22	144 1161 031	LED RING	
23	143 9107 007	LENS (INPUT)	
▪ 24	412 9361 008	LED BRACKET	XLR-3-32-A176
25	417 9075 302	POWER RADIATOR	XLR-3-31-A176
▪ 26	417 9074 109	CU PLATE	
▪ 27	412 3773 003	CU PLATE (TR)	
▪ 28	412 3772 004	P.W.B.BRACKET	
▪ 29	412 3786 003	CU PLATE (A)	
30	104 9034 007	FOOT BASE A	
31	104 0257 006	FOOT ASSY	
32	104 9035 006	FOOT BASE B	
▪ 33	412 9360 300	EARTH PLATE(COND)	
▪ 34	412 9363 200	EARTH PLATE(COND-B)	
\ 35	206 2115 009	AC CORD WITH PLUG	Multi-Voltage, Europe
\	206 2114 000	AC CORD WITH PLUG	U.S.A.
▪ 36	412 9355 205	CORD BRACKET	
▪ 37	144 9180 205	SIDE COVER	
3	445 0048 003	CORD HOLDER(L76)	
▪ 39	105 9234 208	BOTTOM COVER	
▪ 40	102 9040 105	TRANS COVER	
▪ 41	144 9183 008	RADIATOR PLATE(SIDE)	
▪ 42	144 9183 011	RADIATOR PLATE(SIDE)	
▪ 43	411 9117 107	RADIATOR COVER	
▪ 44	411 9118 106	RADIATOR COVER (L)	
▪ 45	461 0639 061	RUBBER SHEET	
▪ 46	102 9041 104	TOP PLATE	
▪ 47	144 9179 009	TRANS PLATE (TOP)	
▪ 48	144 9181 000	CONDENSER PLATE	
▪ 49	144 9182 009	RADIATOR PLATE(TOP)	
▪ 50	144 9174 004	SIDE ESCUTCHEON	
▪ 51	461 0639 074	RUBBER SHEET	
▪ 52	112 9099 001	BUTTON ASSY	
101	473 7017 016	SCREW 3 x 8 CBTS(S)-C	
102	471 3830 013	SCREW 3 x 8 CBS-CU	
103	471 3830 000	SCREW 3 x 6 CBS-CU	
104	471 3302 020	SCREW 3 x 5 CBS	

Ref. No.	Part No.	Part Name	Remarks
105	471 3303 029	SCREW 3 x 6 CBS	
106			
107	473 7005 044	SCREW 3 x 20 CBTS(S)-Z	
108	473 7012 008	SCREW 3 x 10 CFTS(S)-N	
109	473 7003 017	SCREW 3 x 8 CFTS(S)-B	
110	473 8007 025	CUP SCREW 3 x 8	
111	473 8007 038	CUP SCREW 3 x 14	
112	471 3404 025	SCREW 4 x 8 CBS	
113	473 7007 000	SCREW 4 x 8 CBTS(S)-B	
114	471 3405 024	SCREW 4 x 10 CBS(B)	
115	473 7007 013	SCREW 4 x 10 CBTS(S)-B	
116	471 3409 020	SCREW 4 x 16 CBS-B	
117	471 3410 022	SCREW 4 x 20 CBS(MFZNB)	
118	471 3414 028	SCREW 4 x 35 CBS(B)	
119	474 4317 000	SCREW 4 x 10 HSHB-AU	
120	474 4317 013	SCREW 4 x 15 HSHB-AU	
121	474 4317 026	SCREW 4 x 20 HSHB-AU	
122	471 3508 028	SCREW 5 x 14 CBS-B	
123	475 2003 034	SPRING WASHER 3 SW	
124	475 2005 003	SPRING WASHER 5 SW ZN	
125	475 6016 001	NUT 10 N	
126	475 2008 000	SPRING WASHER 10 SW	
127	475 1009 000	WASHER 10 W	
128	475 3201 000	3 TWB	
129			
130			
△ 200	212 4686 007	POWER SWITCH (TV-5)	
201	1U- 2633 D-2	LED UNIT	
△ 202	212 9569 006	VOLTAGE SELECTOR	Multi-Voltage, U.S.A.
203	275 0077 006	TRANSISTOR (2SK1382)	TR051–054
204	417 9073 003	RADIATOR	
205	272 0128 008	TRANSISTOR (2SB1586)	TR604
206	417 9073 003	RADIATOR	
207	274 0167 007	TRANSISTOR (2SD2437)	TR603
208	417 9073 003	RADIATOR	
209	214 0169 003	RELAY (TV-15)	
210	254 6175 002	CONDENSER(CE37W1J303M)	C051,052
211	254 6176 001	CONDENSER(CE37W1H202M)	C053,054
212	204 8441 001	1P PIN JACK	J001
213	205 0839 009	2P SPEAKER TERMINAL(WT)	
214	1U- 2630 D-3	SWITCH UNIT	
215	205 0837 001	3P CANNON CONNECTOR	J002
216	1U- 2633 D-3	SPEAKER RELAY UNIT	
217	1U- 2630 D-2	REGULATOR UNIT	
218	1U- 2630 D-1	BALANCE AMP UNIT	
▪ 219	415 9044 007	INSULATING SHEET	
220	273 0425 005	TRANSISTOR (2SC3858LB)	TR405,406,409,410,413, 414,417,418,421,422, 425,426,429,430,433, 434,437,438,441,442
221	271 0130 006	TRANSISTOR (2SA1494LB)	TR407,408,411,412,415, 416,419,420,423,424, 427,428,431,432,435, 436,439,440,443,444
222	275 0078 005	TRANSISTOR (2SK1295)	TR325,326
223	275 0079 004	TRANSISTOR (2SJ217)	TR327,328
224	273 0424 006	TRANSISTOR (2SC3012)	TR401,402
225	271 0273 002	TRANSISTOR (2SA1232)	TR403,404
▪ 226	415 0234 007	INSULATING SHEET	
227	1U- 2632 D-1	POWER(+) UNIT	
228	1U- 2632 D-2	POWER(–) UNIT	

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Ref. No.	Part No.	Part Name	Remarks
R718	244 0045 021	Metal oxide film 2.2kohm 1W (Non-burning type)	RS14B3A222JNBF
R723	244 0045 021	Metal oxide film 2.2kohm 1W (Non-burning type)	RS14B3A222JNBF
R751	244 2058 003	Carbon 100ohm 1/4W (Non-burning type)	RD14B2E101JNBST

CAPACITORS GROUP

C001	256 8023 006	Metalized 0.01µ/250VAC	CF93A2EAC103M
C003	256 8023 006	Metalized 0.01µ/250VAC	CF93A2EAC103M
C551~553	256 1055 712	Metalized 0.22µ/100V	CF93B2A224KC GUG
C601,602	254 4373 013	Electrolytic 1000µ/100V	CE04W2A102M ARS
C603,604	254 4290 073	Electrolytic 1000µ/80V	CE04W1K102M AWF
C605,606	255 6167 000	Film 0.01µ/125V	CQ09S2B103K B
C607	254 4347 735	Electrolytic 4.7µ/50V	CE04W1H4R7MC ARSA
C609,610	255 6175 034	Film 100pF/125V	CQ09S2B101KF B
C611,612	255 6167 000	Film 0.01µ/125V	CQ09S2B103K B
C615,616	254 4356 768	Electrolytic 2200µ/50V	CE04W1H222MC ARS
C617	256 8023 006	Metalized 0.01µ/250VAC	CF93A2EAC103M
C701	255 6167 000	Film 0.01µ/125V	CQ09S2B103K B
C702	254 4432 721	Electrolytic 470µ/50V	CE04W1H471MC ARS
C703	256 1035 091	Metalized 1µ/50V	CF93A1H105J
C704	254 4432 718	Electrolytic 100µ/50V	CE04W1H101MC ARS
C705	254 4432 721	Electrolytic 470µ/50V	CE04W1H471MC ARS
C706	254 4432 718	Electrolytic 100µ/50V	CE04W1H101MC ARS
C707,708	254 4432 734	Electrolytic 22µ/50V	CE04W1H220MC ARS
C709	255 1265 033	Film 0.01µ/50V	CQ93M1H103J B
C710	254 4432 734	Electrolytic 22µ/50V	CE04W1H220MC ARS
C712,713	254 4447 004	Electrolytic 2.2µ/50V(Bipolar)	CE04W1H2R2MBP
C714,715	254 4432 718	Electrolytic 100µ/50V	CE04W1H101MC ARS
C751,752	254 3060 741	Electrolytic 220µ/50V(Bipolar)	CE04W1H221MBPC AWF

OTHER PARTS

RL001,002	214 0169 003	Relay (TV-15)
CN10A	205 0653 049	4P VH Connector Base
CN11A	205 0277 069	6P EH Connector Base (RD)
CN12A	205 0233 061	6P EH Connector Base
CN13A	205 0233 058	5P EH Connector Base
CN14A	205 0276 060	6P EH Connector Base (BU)
CN14B	205 0280 069	6P EH Connector Base (BU)
CN17B	205 0277 030	3P EH Connector Base (RD)
CN18B	205 0233 032	3P EH Connector Base
CN21A,21B	205 0233 032	3P EH Connector Base
CN30A	205 0241 037	3P Connector Pin ASSY
CN40A,40B	205 0190 049	4P NH Connector Base
CN70A	205 0653 036	3P VH Connector Base
CN8A	205 0653 052	5P VH Connector Base
CN9A	205 0838 000	4P VH Connector Base (RD)

Ref. No.	Part No.	Part Name	Remarks
C319,320	255 6175 076	Film 0.0015µF/125V	CQ09S2B152KF B
C321,322	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C323-326	254 4347 722	Electrolytic 22µF/50V	CE04W1H220MC ARSA
C327,328	255 6181 002	Film 10pF/400V	CQ09S2G100KF B
C329-332	255 6175 034	Film 100pF/125V	CQ09S2B101KF B
C335,336	254 4356 742	Electrolytic 470µF/50V	CE04W1H471 ARS
C339,340	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C341,342	255 6167 013	Film 0.0068µF/125V	CQ09S2B682K B
C343,344	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C345,346	254 3060 738	Electrolytic 100µF/50V(Bipolar)	CE04W1H101MBPC AWF
C347-350	255 6167 000	Film 0.01µF/125V	CQ09S2B103K B
C353,354	255 6175 047	Film 270pF/125V	CQ09S2B271KF B
C355-358	255 6167 000	Film 0.01µF/125V ?	CQ09S2B103K B
C355-358	254 4356 001	Electrolytic 10µF/50V ?	CE04W1H100 ARS

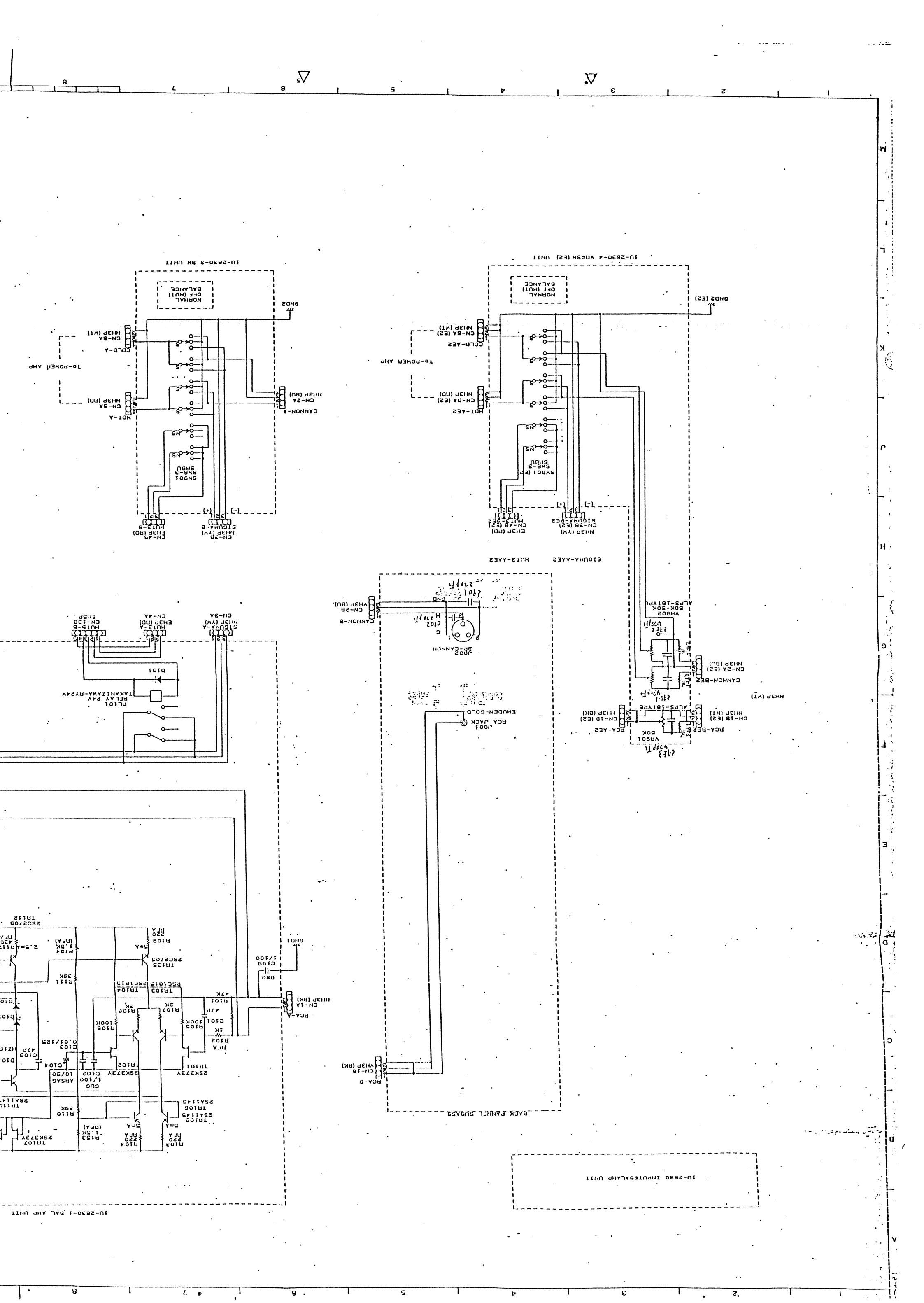
OTHER PARTS

RL301,302	214 0041 008	Relay	
P301,302	279 0034 067	Posistor(PTH9M04BB222TS2F333)	
CN3	205 0185 038	3P Wire Holder	
CN3A,3B,3D	205 0185 038	3P Wire Holder	3P WIRE HOLDER
CN5B	205 0190 036	3P NH Connector Base	
CN6B	205 0190 036	3P NH Connector Base	
CN9B	205 0838 000	4P VH Connector Base (RD)	
CN10B	205 0653 049	4P VH Connector Base	
CN11B	205 0277 069	6P EH Connector Base (RD)	
CN12B	205 0233 061	6P EH Connector Base	
CN17A	205 0277 030	3P EH Connector Base (RD)	
CN18A	205 0233 032	3P EH Connector Base	
CN301A	205 0838 000	4P VH Connector Base (RD)	
CN302A	205 0838 013	4P VH Connector Base (BU)	
CN303A	205 0653 049	4P VH Connector Base	
CN304A	205 0653 049	4P VH Connector Base	

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
TR601,602	275 0042 002	Transistor 2SK373 (Y)	
TR605	275 0042 002	Transistor 2SK373 (Y)	
TR607	275 0042 002	Transistor 2SK373 (Y)	
TR608	275 0058 009	Transistor 2SJ40 (C)/(D)	
TR701	273 0253 015	Transistor 2SC2878(A)/(B)	
TR702	273 0198 015	Transistor 2SC1815(BL)	
TR703,704	271 0102 021	Transistor 2SA1015(GR)	
TR705-707	273 0198 015	Transistor 2SC1815(BL)	
TR708	271 0102 021	Transistor 2SA1015(GR)	
TR709,710	273 0198 015	Transistor 2SC1815(BL)	
TR711	269 0025 901	Transistor RN1202(10K-10K)T	Built in Resistor
TR712,713	273 0198 015	Transistor 2SC1815(BL)	
D001,002	276 0049 011	Diode 1S2076A	
D051-054	276 0370 007	Diode 1SS106	
D055-058	276 0536 003	Zener Diode HZ2B-1	
D502	276 0348 000	Diode S2K20F	
D504	276 0348 000	Diode S2K20F	
D551,552	276 0049 011	Diode 1S2076A	
D601	276 0348 000	Diode S2K20F	
D603	276 0348 000	Diode S2K20F	
D605	276 0051 054	Zener Diode HZ7A-1	
D606	276 0498 002	Zener Diode HZ24L-1	
D701-705	276 0348 000	Diode S2K20F	
D708	276 0392 001	Zener Diode HZ15L-1	
D709-714	276 0049 011	Diode 1S2076A	
D715	276 0392 001	Zener Diode HZ15L-1	
D716	279 0016 001	Thyristor SFOR1A42	
D717	276 0347 001	Zener Diode HZ12LA-1	
D718	276 0158 036	Zener Diode HZ4B-1	
D719-722	276 0049 011	Diode 1S2076A	
D724	276 0049 011	Diode 1S2076A	
D725	276 0348 000	Diode S2K20F	
D726	276 0049 011	Diode 1S2076A	
D751-754	276 0049 011	Diode 1S2076A	
LE001	393 9523 914	LED SEL-4414E	
LE002	393 9523 927	LED SEL-4814A	
LE003	393 9523 901	LED SEL-4214S	

RESISTORS GROUP (not included Carbon Film ±5% 1/4W type)

VR601	211 6075 037	Adjust 10kohm (CERMET)	V06QPB103
R001,002	243 2079 021	Winding 33ohm 10W	RW78A4A330K-(UL)
R051-054	241 2438 080	Carbon 10kohm 1/2W	RD05A2H103J RMG
R055-058	241 2456 020	Carbon 100ohm 1/2W	RD05A2H101J RFA
R551,552	244 2059 002	Metal oxide film 22ohm 2W (Non-burning type)	RS14B3D220JNBF
R553	244 2059 044	Metal oxide film 33ohm 2W (Non-burning type)	RS14B3D330JNBF
R554,555	244 2059 002	Metal oxide film 22ohm 2W (Non-burning type)	RS14B3D220JNBF
R556,557	244 2059 044	Metal oxide film 33ohm 2W (Non-burning type)	RS14B3D330JNBF
R601	241 2447 055	Carbon 36kohm 1/2W	RD05A2H363J RMG
R602	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG
R603	241 2438 035	Carbon 2.7kohm 1/2W	RD05A2H272J RMG
R604	241 2447 084	Carbon 47kohm 1/2W	RD05A2H473J RMG
R701,702	244 0031 022	Metal oxide film 150ohm 1W (Non-burning type)	RS14B3A151JNBF
R715,716	241 2434 068	Carbon 1kohm 1/2W	RD05A2H102J RMG
R717	241 2450 097	Carbon 1Mohm 1/2W	RD05A2H105J RMG


JU-2630-4 VACSW (E2) UNIT
NORMAL
OFF (HUT)
BALANCE
GND2 (E2)
To-POWER AMP
CN-6A (E2)
NH3P (M1)
COLD-AE2
CN-5A (E2)
NH3P (ND)
HOT-AE2
SW901 (E2)
SW6-3
SHBU
NH3P (YW)
CN-3B (E2)
SIGUHA-BE2
EH3P (RD)
CN-4B (E2)
HUT3-BE2
SIGUHA-AAE2
HUT3-AAE2
CANNON-B
CN-2B
YH3P (BU)
J002
3P-CANNON
GND
ENDUEN-GOLD
J001
RCA JACK
CANNON-BE2
CN-2A (E2)
NH3P (BU)
NH3P (M1)
ALPS-18TYPE
RCA-BE2
CN-1B (E2)
NH3P (BK)
RCA-AE2
VR901
50K
VR902
50K+50K
ALPS-18TYPE
BACK PANEL SUBASS
JU-2630 INPUTBALAMP UNIT
JU-2630-3 SW UNIT
NORMAL
OFF (HUT)
BALANCE
GND2
To-POWER AMP
CN-6A
NH3P (M1)
COLD-A
CN-5A
NH3P (ND)
HOT-A
CN-2A
NH3P (BU)
CANNON-A
SW901
SW6-3
SHBU
CN-3B
NH3P (YW)
SIGUHA-B
CN-4B
EH3P (RD)
HUT3-B
CN-3A
NH3P (YW)
SIGUHA-A
CN-4A
EH3P (RD)
HUT3-A
CN-13B
EH5P
HUT5-B
D151
RL101
RELAY 24V
TAKAHIZAWA-RY24W
JU-2630-1 BAL AMP UNIT
GND1
C199
0.1/100
50V
NH3P (BK)
CN-1A
RCA-A
R102
NFA
47K
R103
100K
R104
3K
R105
100K
R106
3K
R107
3K
R108
3K
R109
NFA
220
5mA
R110
39K
R111
39K
R134
1.3K
(NFA)
R135
2SC2703
TR135
2SC2703
TR102
2SK373Y
TR101
2SK373Y
TR103
2SC1815
TR104
2SC1815
TR105
2SA1145
TR106
2SA1145
TR107
2SK373Y
C101
47P
C102
1/100
C103
0.01/125
C104
47P
D102
D101
GND
CN-2B
YH3P (BU)
CANNON-B
J002
3P-CANNON
C
B
A
2
1
ENDUEN-GOLD
J001
RCA JACK
RCA-B
CN-1B
YH3P (BK)

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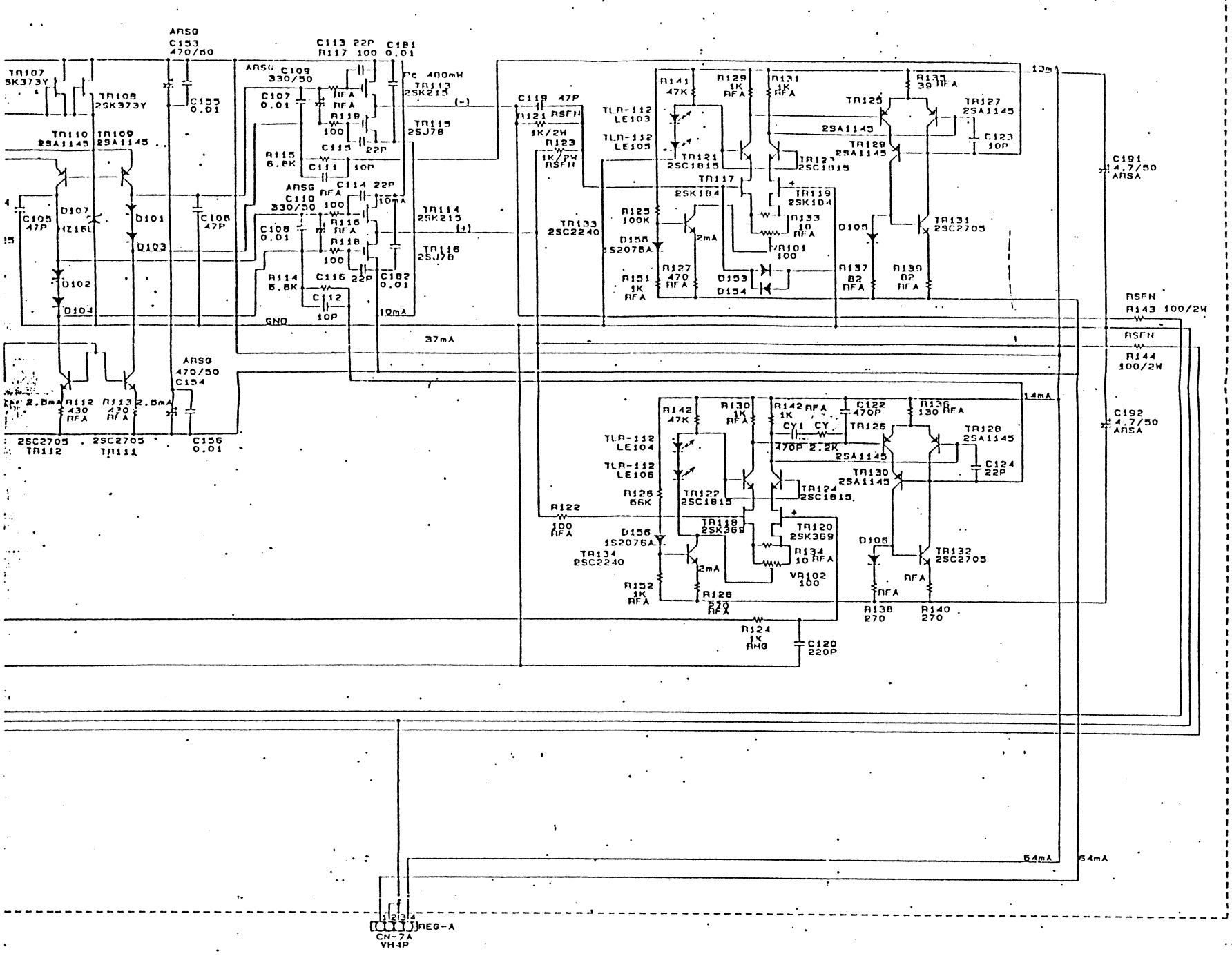
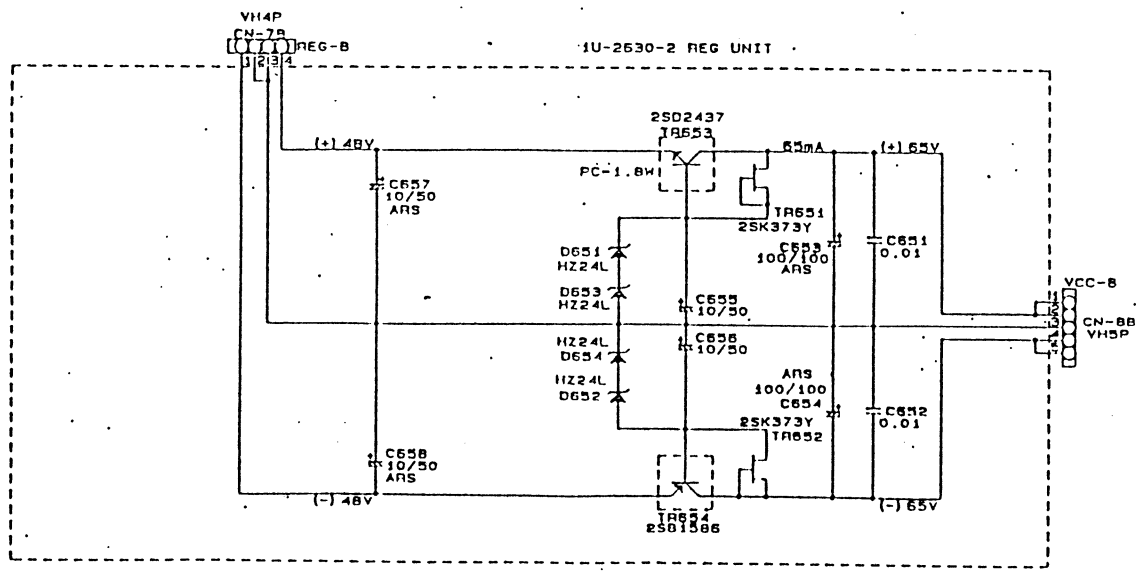
AMP UNIT





AMP

| | | |

1U-2633 PS&CONT UNIT

1U-2633-1 PS UNIT

1U-2633-2 CONTROL UNIT

POWER SW SUBASS

POWER SW (TV-5)
SW001

C002
0.0047/250

AC PLUG CORD
AC100/200V (50/60Hz)

P003A
P004A
P001
P002

C001
0.01/250
CF93A2EAC

C003
0.01/250
CF93A2EAC

VF24HU
RL001
RELAY (TV-15)
DC-R=480ohm
DC24V

D001
1S2076A

RL002
RELAY (TV-15)
VF24HU

D002
1S2076A

R001
33/10W (RGU)

R002
33/10W (RGU)

VH3P
CN-11A
VCC-A
65mA

S2K20F
D601

D603
S2K20F

ARS
C601
1000/100

T-1.6A
F601

CF93A2EAC
0.01/250
C617

CN-70A
VH3P (W1)

F602
T-1.6A

REG GND-A

C603 1000/80
C604 1000/80
AHF

ARS
1000/100
C602

S2K20F
D604

D502
S2K20F

C605
0.01

2SK373Y
TR602

2SB1386
TR604

(-)1.65V

(+)1.65V
TR601
2SK373Y

TR603
2SD2437

PC-1.2K

C606
0.01

D605
HZ7A

C607
4.7/50
ARSA

HZ24L
D606

2SK373Y
TR607

100P
C609

RH0
R601
36K

10K

RH0
R603
2.7K

2SJ103
TR608

RH0
R604
47K

RH0
R602
47K

C610
100P

ARS
C615
2200/50

TR608
2SA970

2200/50
C616
ARS

C611
0.01/125

C617
0.01/125

VCC (Hi) -A
25mA

CN-9A
VH4P (RD)

CN-10A
VH4P (BK)

25mA
VCC (Co) -A

FUSE/1A
F701

C701
0.01/125

F702
FUSE/1A

CN-30A
V3P

D701
S2K20F

D702

D703
S2K20F

D704

R-PSNB

P005
P006
P007
P008

T-2A/250V
F002

F001
T-3.15A/125V

SW002
VOLTAGE SW

BR (+) 120V
RD (-) 20V
GY (-) 0V
OR (+) 120V
YW (+) 100V
WT (-) 0V
BK (-) 1.F

F003
T-6.3A/250V

F004
T-6.3A/250V

F005
T-6.3A/250V

F006
T-6.3A/250V

P009
P010
P011
P012
P013
P014
P015
P016 (BK)
P016
P017
P018
P018
P020
P021
P022
P024 (BK)

POWER TRANS SUBASS(JA-E1-EU)

T001
POWER TRANS-AE1

120V BR (+)
20V RD (-)
0V GY (-)
120V OR (-)
100V YW (+)
0V WT (-)
0V (1.F) BK

P024 RD (+)
P030 BK
P026 OR (-)

T002
POWER TRANS-AE1

120V BR (+)
20V RD (-)
0V GY (-)
120V OR (+)
100V YW (+)
0V WT (-)
0V (1.F) BK

P025 RD (+)
P031 BK
P027 OR (-)

POWER TRANS SUBASS(E2)/PRIMARY

T001 (E2)
TRANS-AE2

P009 230V YW
P014 0V WT

T003 (E2)
TRANS-BE2

P018 230V YW
P018 0V WT

T002 (E2)
TRANS-AE2

P016 230V YW
P016 0V WT

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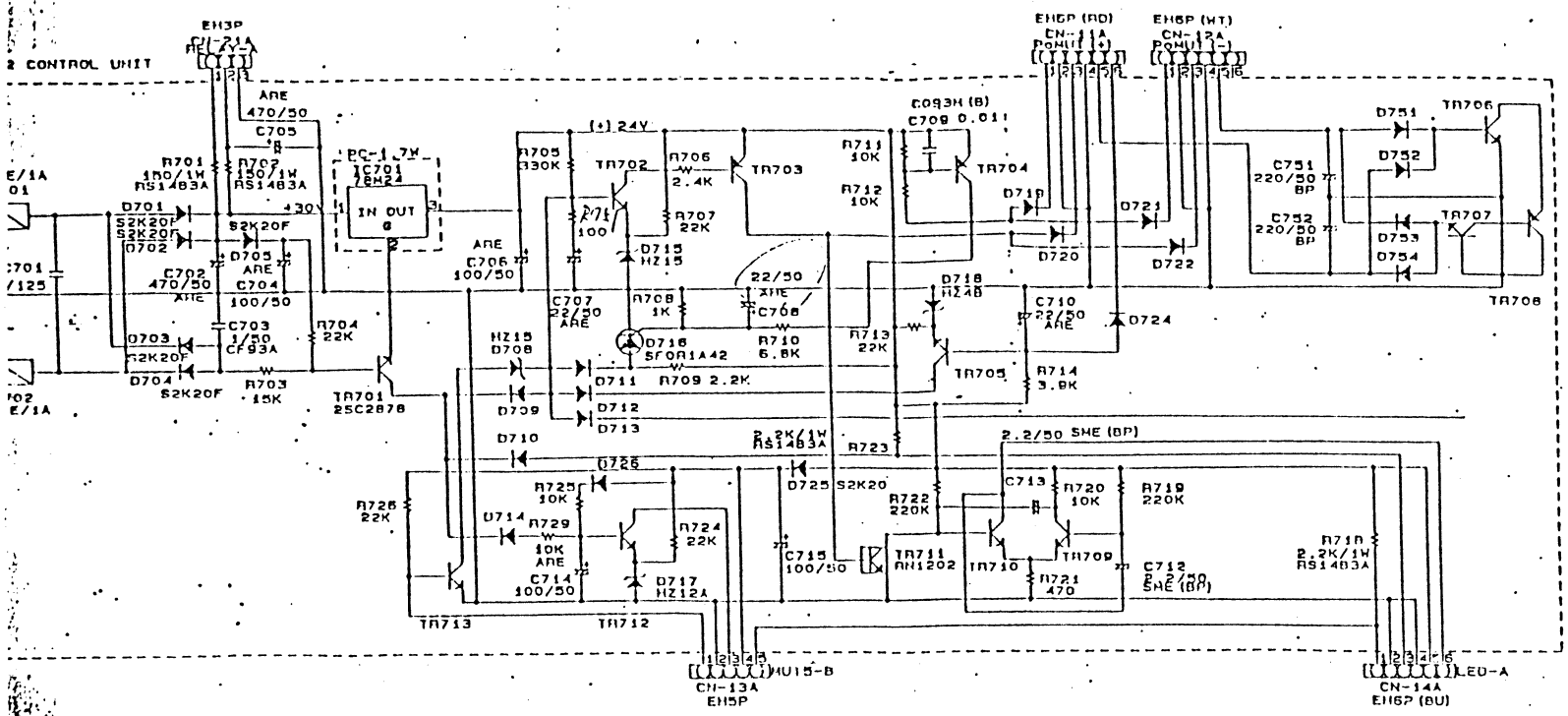
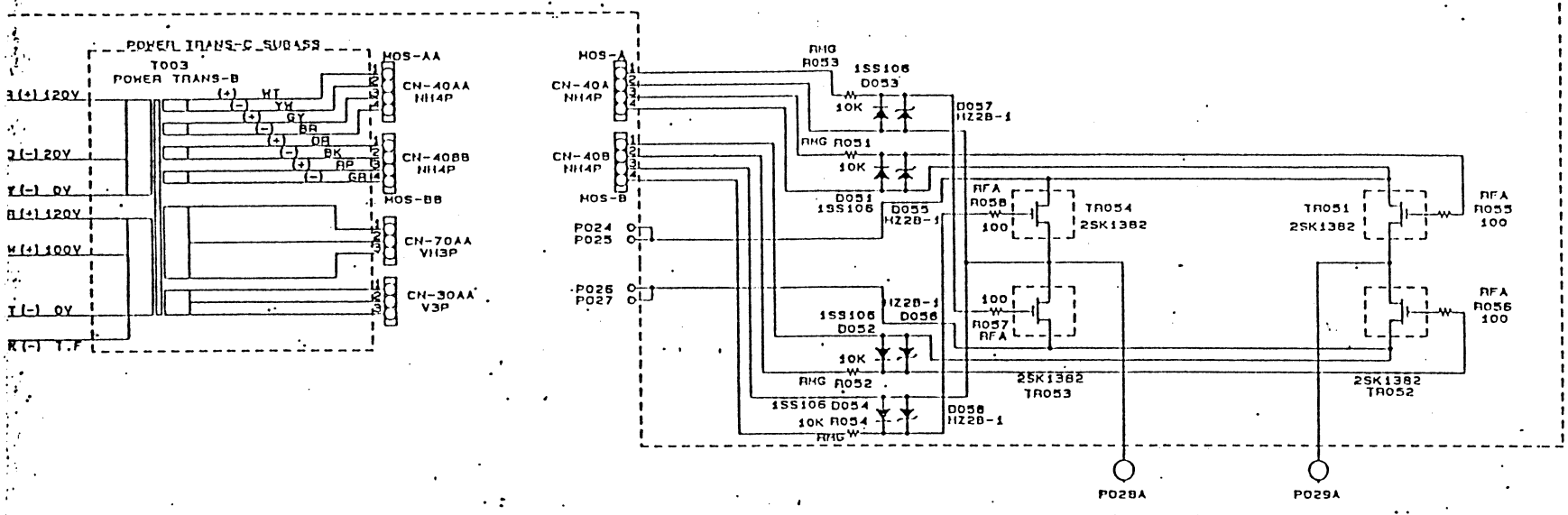
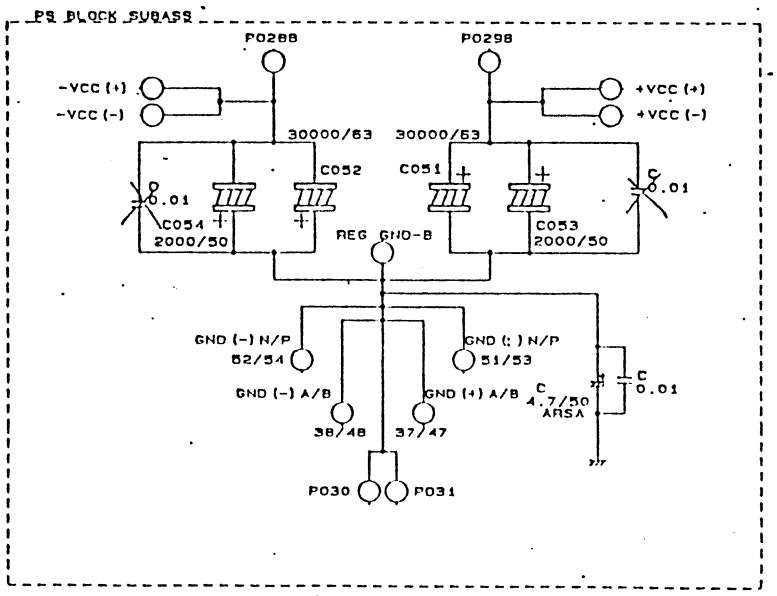
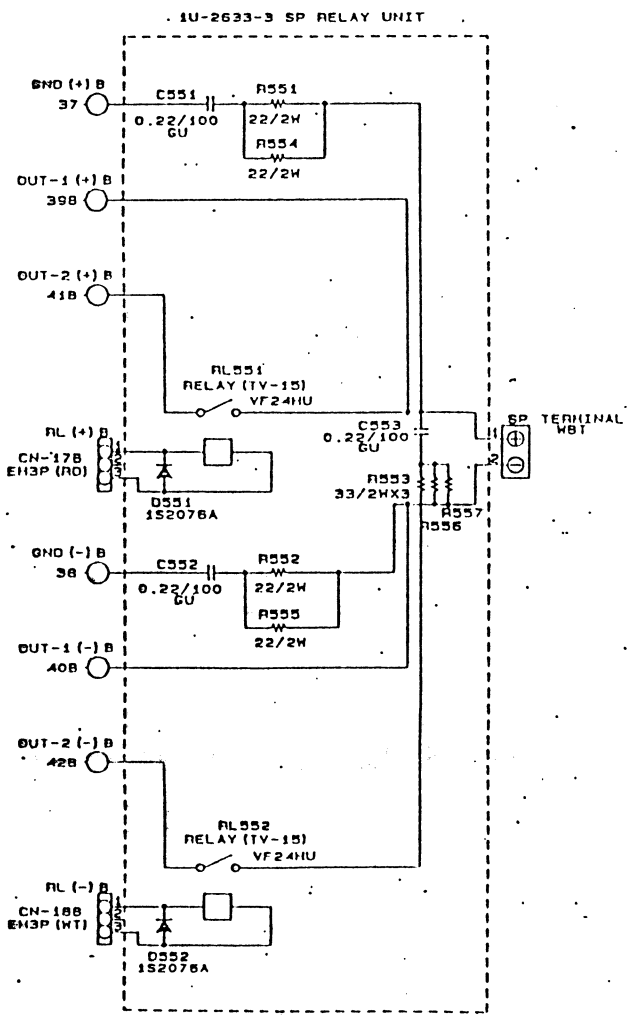
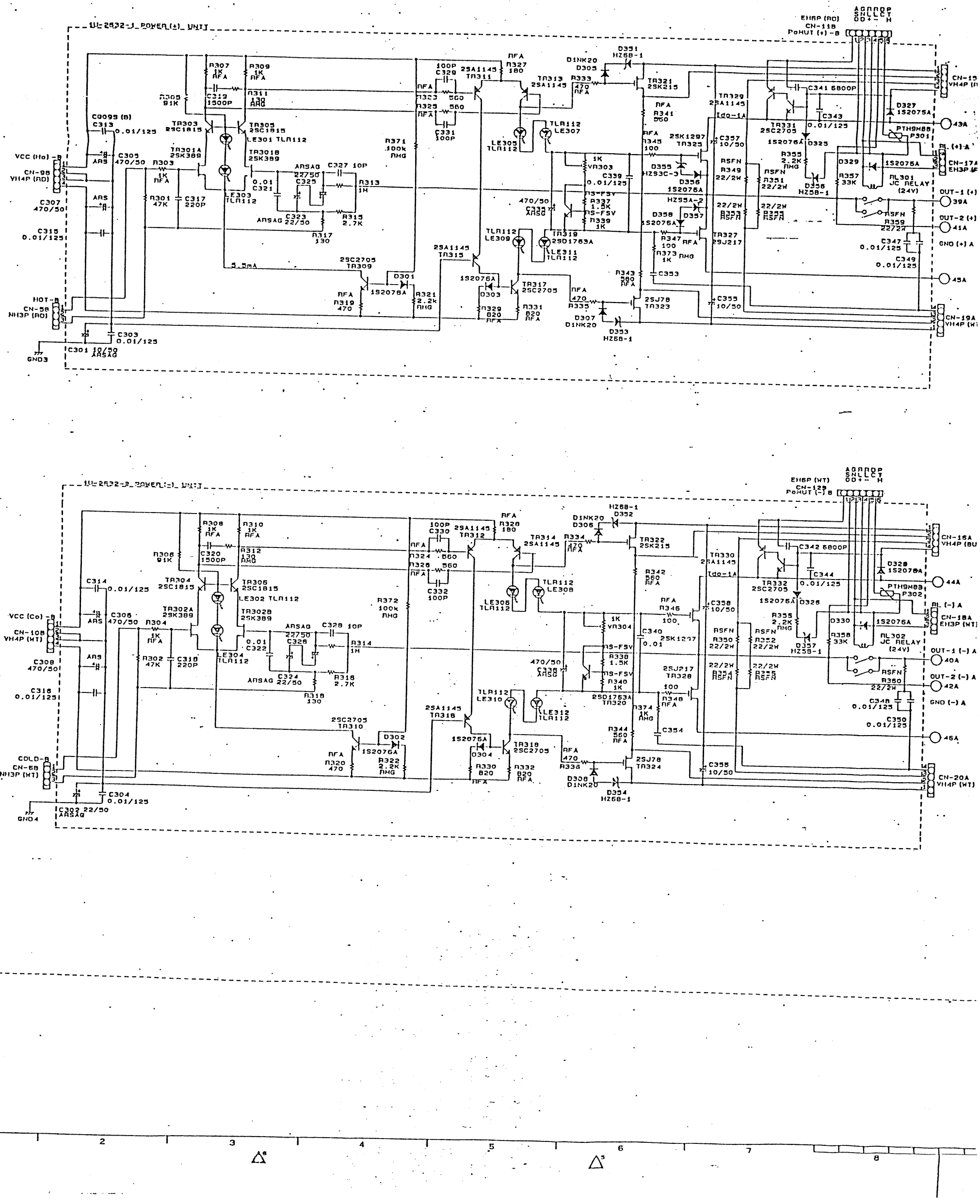

CONTROL UNIT
EH3P
CN-13A
EH5P
HU15-B
EH5P (RD)
CN-11A
EH5P (WT)
CN-12A
CN-14A
EH6P (BU)
LED-A
LED-B
LED001 BALANCE
LED002 POWER
LED003 PROTECTOR
LED UNIT
TR701 2SC2878
TR702
TR703
TR704
TR705
TR706
TR707
TR708
TR709
TR710
TR711 RN1202
TR712
TR713
D701 S2K20F
D702 S2K20F
D703 S2K20F
D704 S2K20F
D705 ARE
D710
D711
D712
D713
D714
D715 HZ15
D716 SFOR1A42
D717 HZ12A
D718 HZ4B
D720
D721
D722
D724
D725 S2K20
D726
D751
D752
D753
D754
IC701 78M24
IN OUT G
PC-1.7W
(+) 24V
C093H (B)
C709 0.01
C751 220/50 BP
C752 220/50 BP
2.2/50 SHE (BP)
C712 2.2/50 SHE (BP)
R701 150/1W RS1483A
R702 150/1W RS1483A
R703 15K
R704 22K
R705 330K
R706 2.4K
R707 22K
R708 1K
R709 2.2K
R710 6.8K
R711 10K
R712 10K
R713 22K
R714 3.9K
R718 2.2K/1W RS1483A
R719 220K
R720 10K
R721 470
R722 220K
R723 2.2K/1W RS1483A
R724 22K
R725 10K
R726 22K
R729 10K ARE
C701 /125
C702 470/50 ARE
C703 1/50 CF93A
C704 100/50
C705
C706 100/50
C707 22/50 ARE
C708 22/50 ARE
C709 22/50 ARE
C710 22/50 ARE
C713
C714 100/50
C715 100/50


POWER TRANS-C SUBASS
T003
POWER TRANS-B
HOS-AA
CN-40AA NH4P
CN-408B NH4P
HOS-BB
CN-70AA VH3P
CN-30AA V3P
HOS-A
CN-40A NH4P
CN-408 NH4P
HOS-B
P024
P025
P026
P027
D051 1SS106
D052 1SS106
D053 1SS106
D054 1SS106
D055 HZ2B-1
D056 HZ2B-1
D057 HZ2B-1
D058 HZ2B-1
RNG R051 10K
RNG R052 10K
RNG R053 10K
RNG R054 10K
AFA R058 100
AFA R057 100
AFA R055 100
AFA R056 100
TR054 2SK1382
TR053 2SK1382
TR051 2SK1382
TR052 2SK1382
P028A
P029A


PS BLOCK SUBASS
P028B
P029B
-VCC (+)
-VCC (-)
+VCC (+)
+VCC (-)
30000/63
C052
C051
C054 2000/50
C053 2000/50
REG GND-B
GND (-) N/P 52/54
GND (-) N/P 51/53
GND (-) A/B 38/48
GND (+) A/B 37/47
C 4.7/50 ARSA
C 0.01
P030
P031


1U-2633-3 SP RELAY UNIT
GND (+) B 37
OUT-1 (+) B 39B
OUT-2 (+) B 41B
RL (+) B
CN-17B EH3P (RD)
GND (-) B 38
OUT-1 (-) B 40B
OUT-2 (-) B 42B
RL (-) B
CN-18B EH3P (WT)
C551 0.22/100 6U
C552 0.22/100 6U
C553 0.22/100 6U
R551 22/2W
R552 22/2W
R553 33/2WX3
R554 22/2W
R555 22/2W
R556
R557
RL551 RELAY (TY-15) VF24HU
RL552 RELAY (TY-15) VF24HU
D551 1S2076A
D552 1S2076A
SP TERMINAL MBT

IU-2632 POWER AMP UNIT



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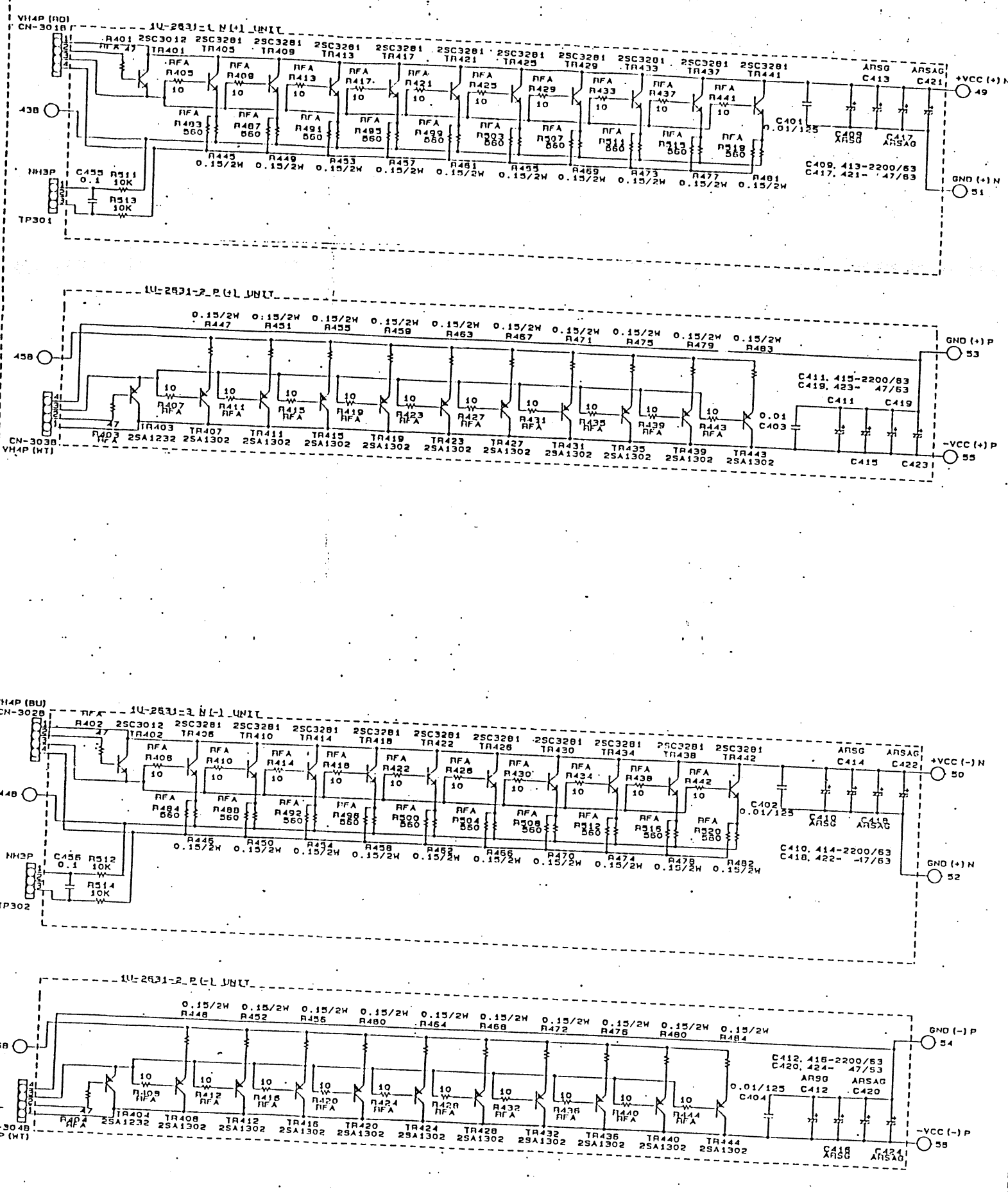
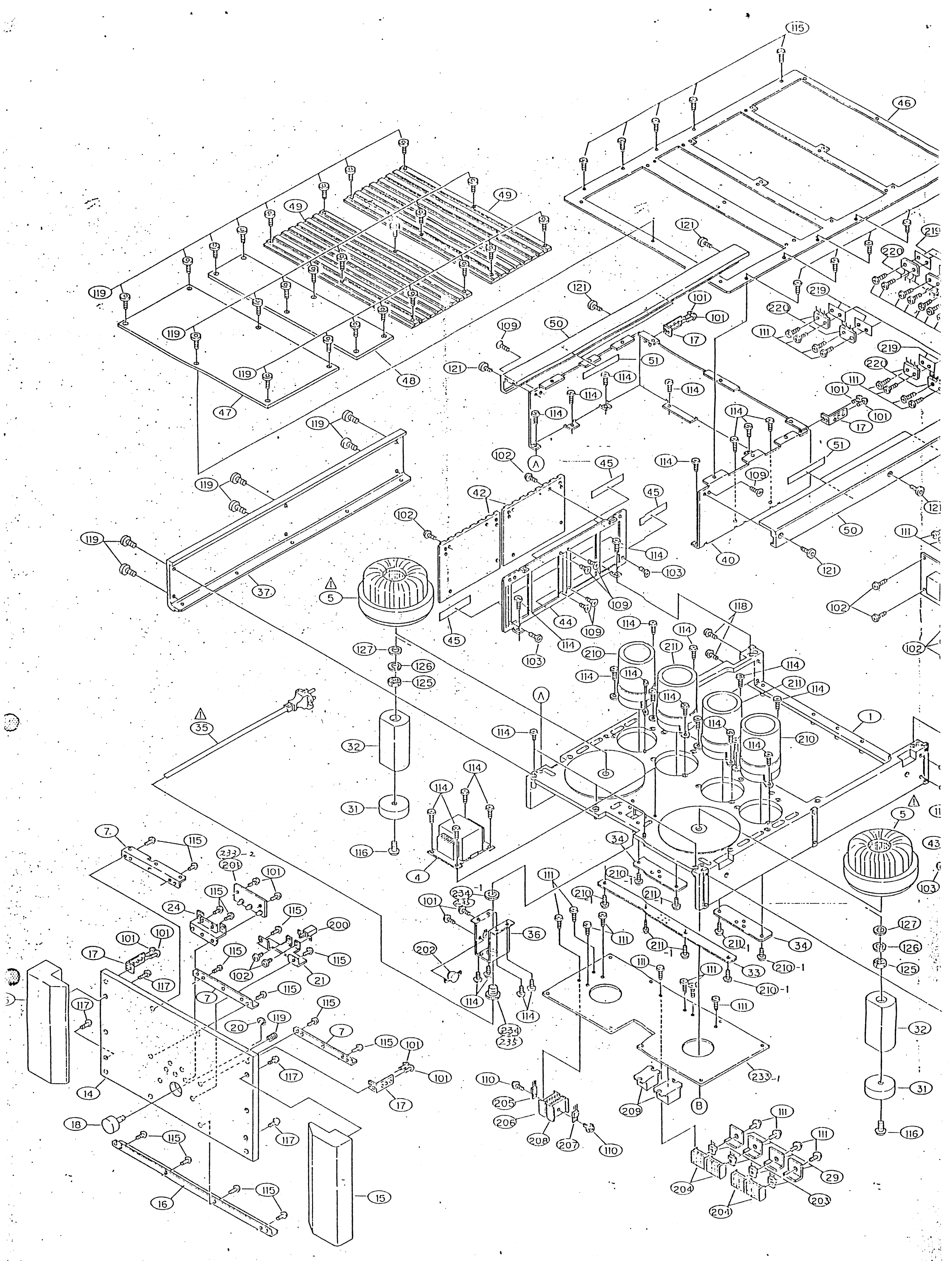
IU-2631 CASCODE UNIT



ゾーン記号	内容	正式図発行 A118-0975-9-3	指図書番号	日付			FCA-5JE1
日付	寸度	表面処理			特に指定ノナイ		使用先モデル名
承認	検図	製図	設計	尺	品名	WIRING DIAGRAM	見
		5.3.9	5.3.27	単位	日本コロムビア株式会社	品番	A--9230

CIS C 0001

A1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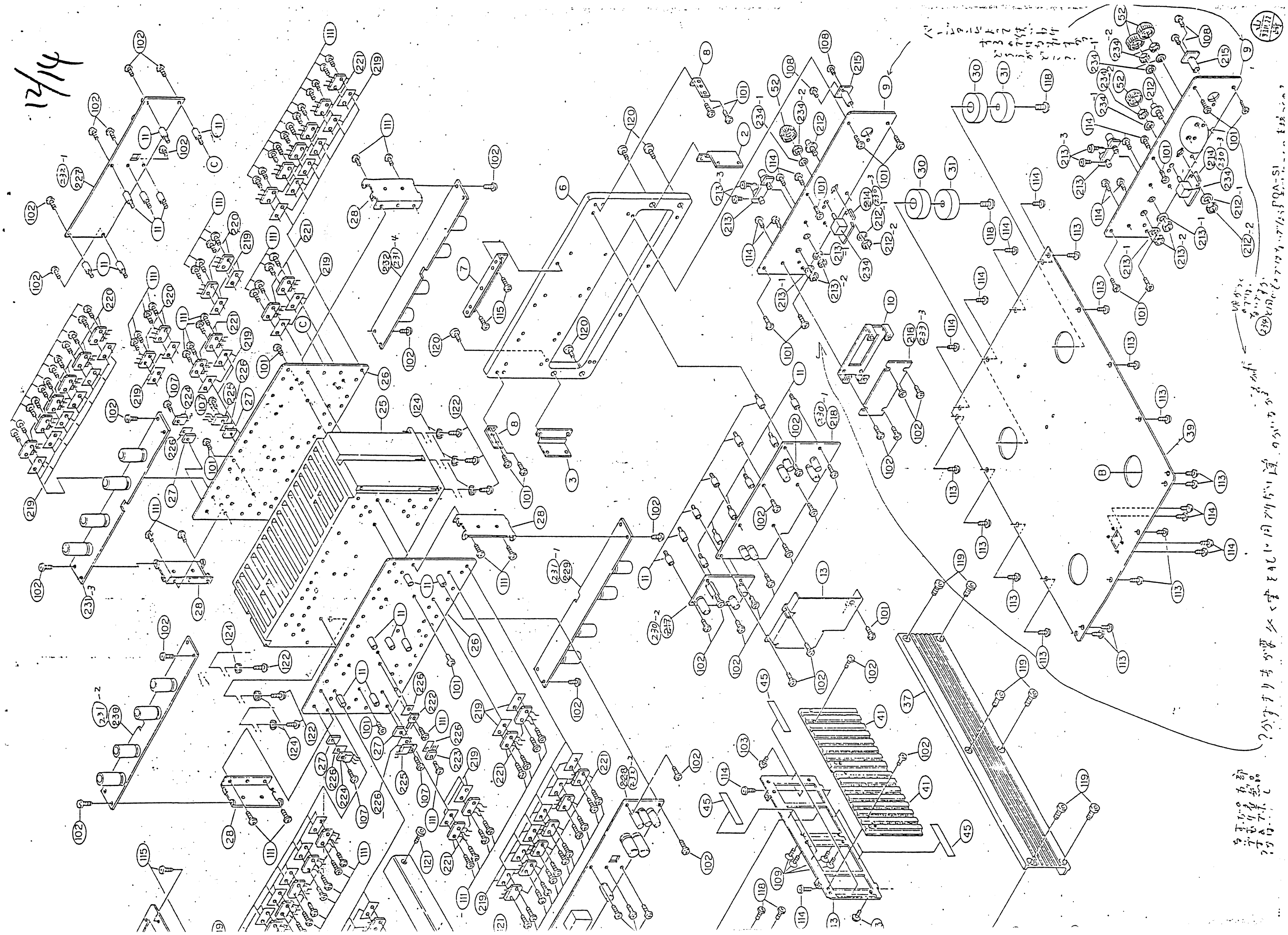
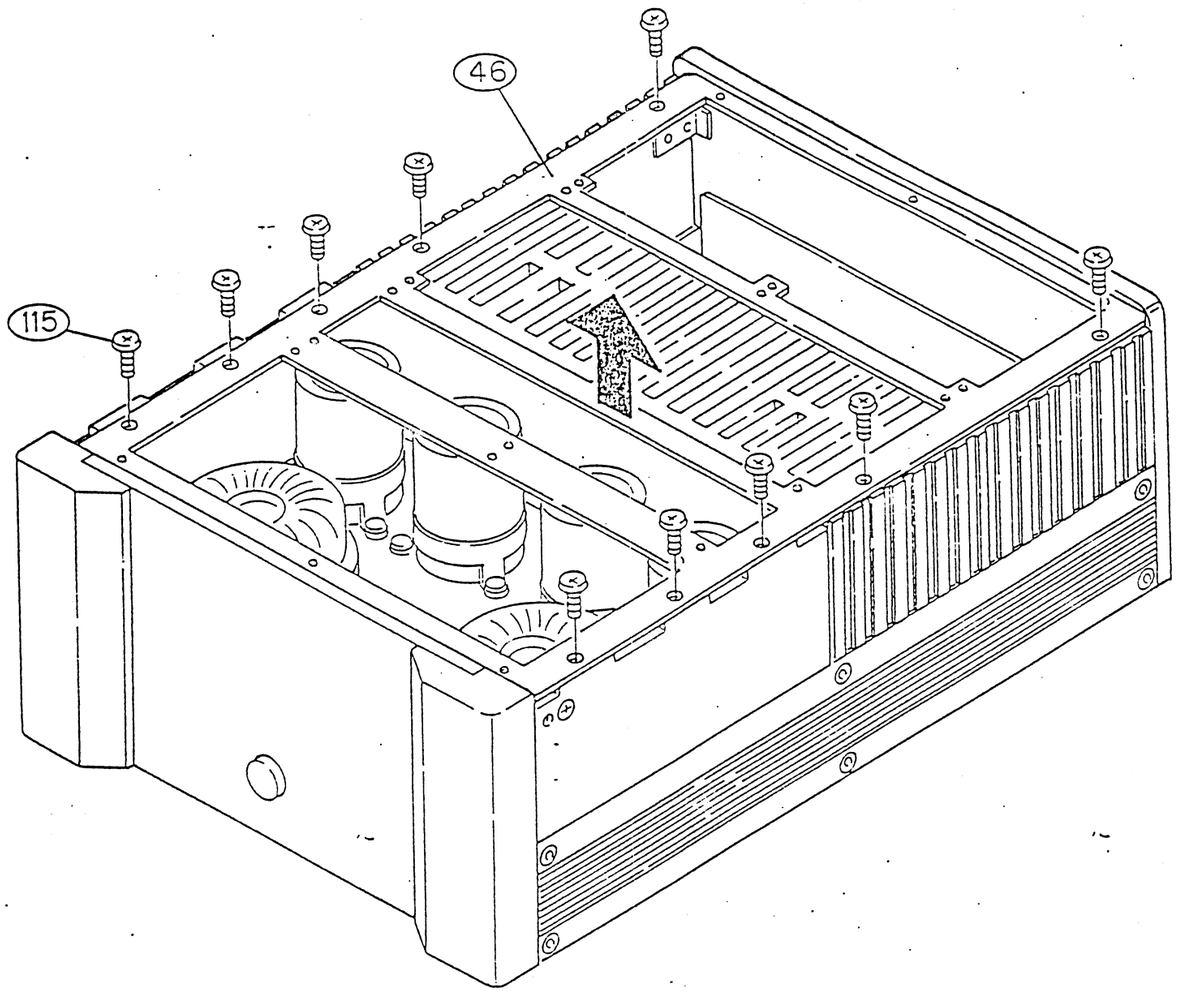
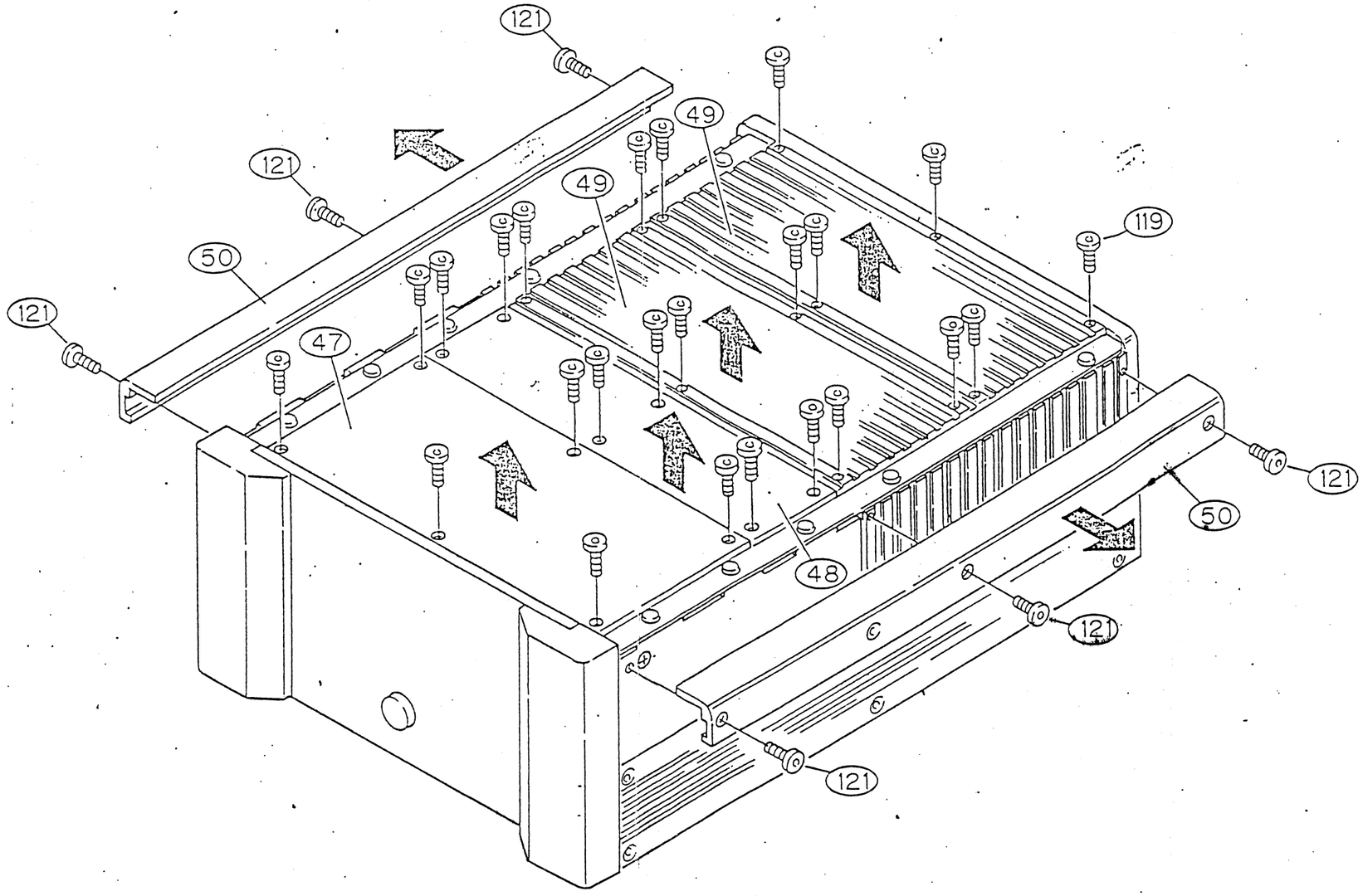
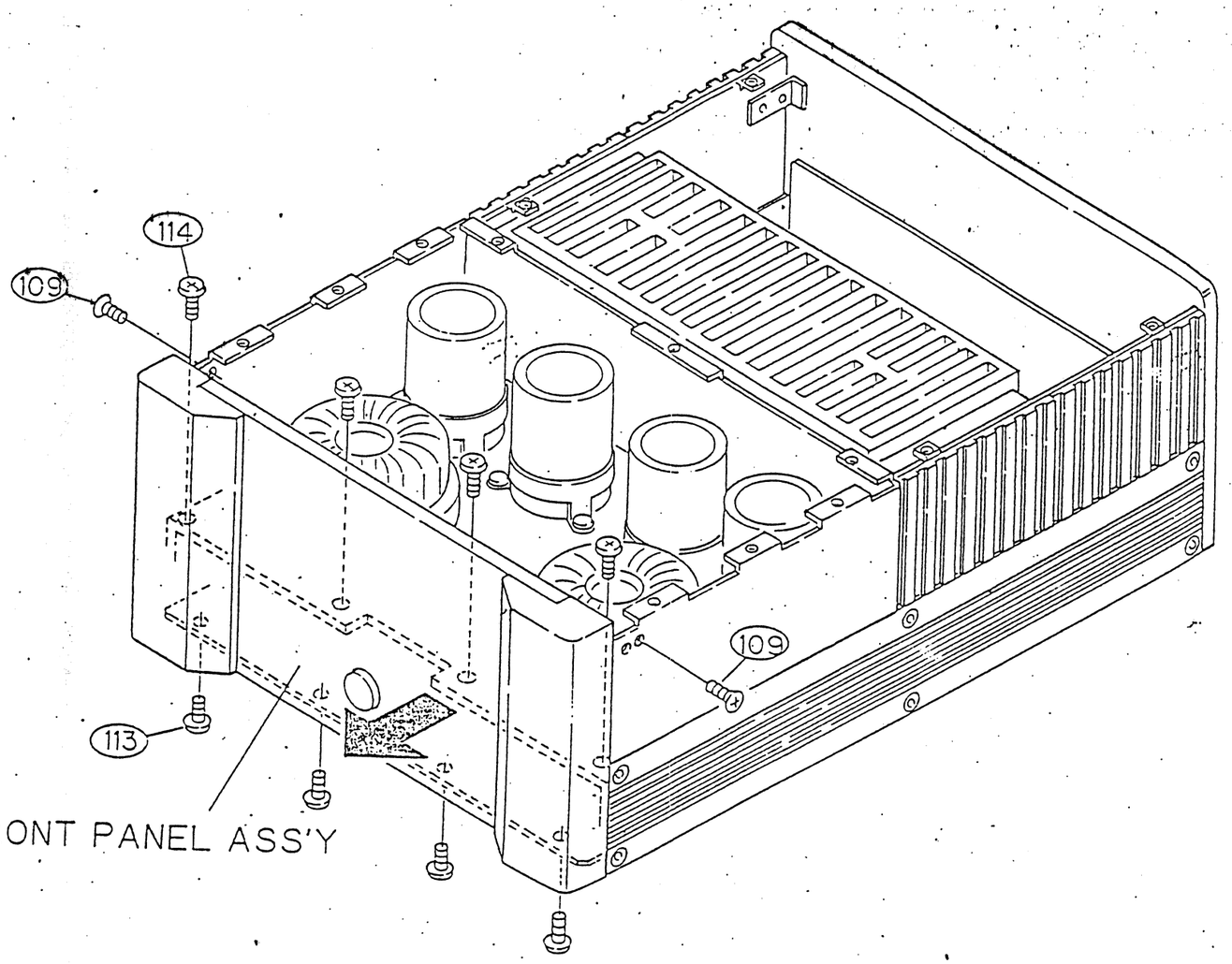



46
115



P0A-S1 (1/4)


114
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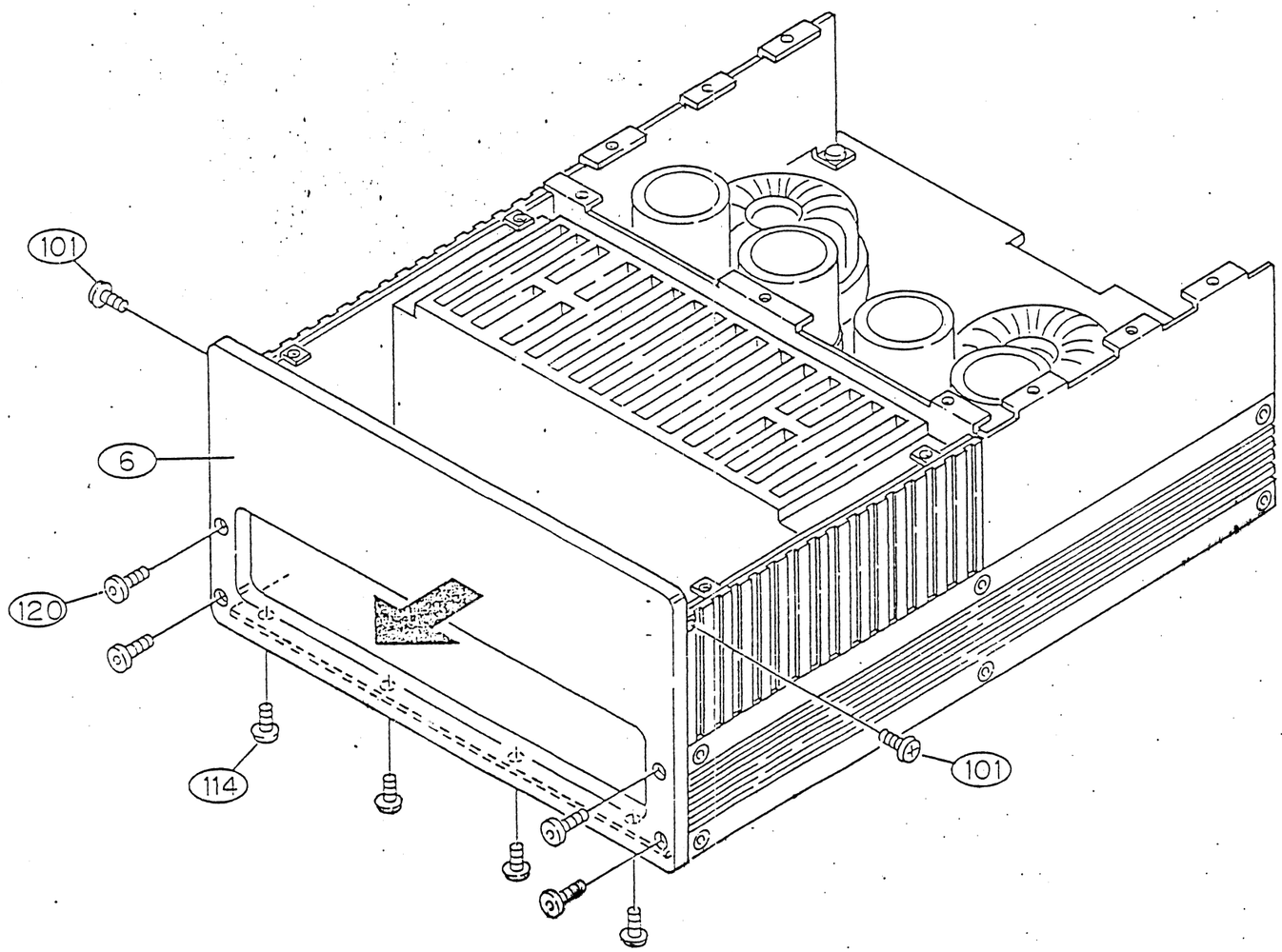
109
113
FRONT PANEL ASS'Y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120
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101